

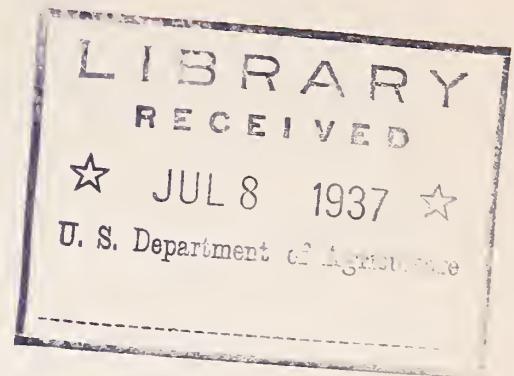
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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

1.9

6-152 Rpt



Charts

Relation of Pastures, Feed Production, and
Butterfat Price Ratios to Dairy Production

Prepared by

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Washington, D. C.
May 1937

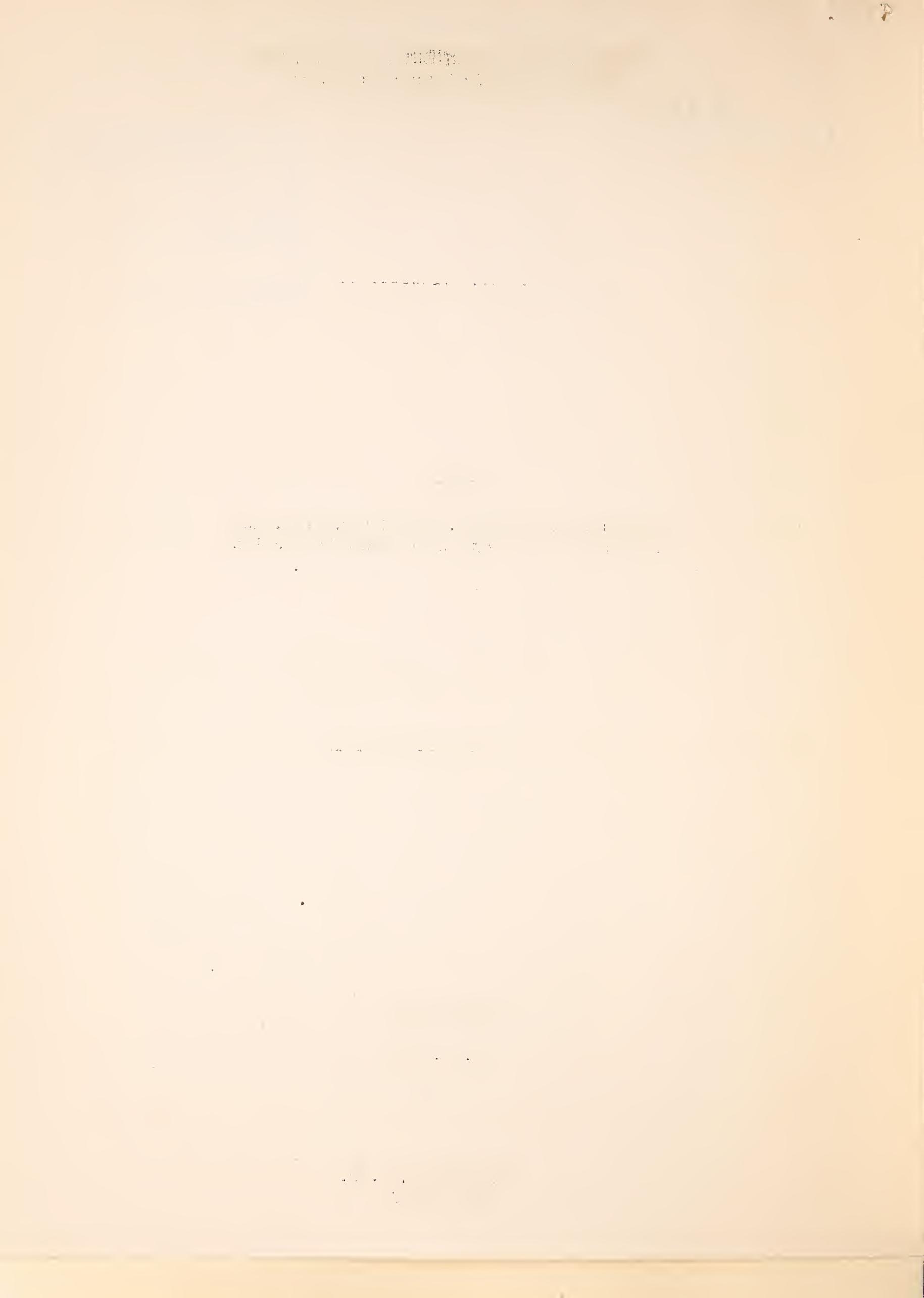


FIGURE 1. - RELATIONSHIP OF PASTURE CONDITIONS TO DAIRY PRODUCTION, 1874-1914

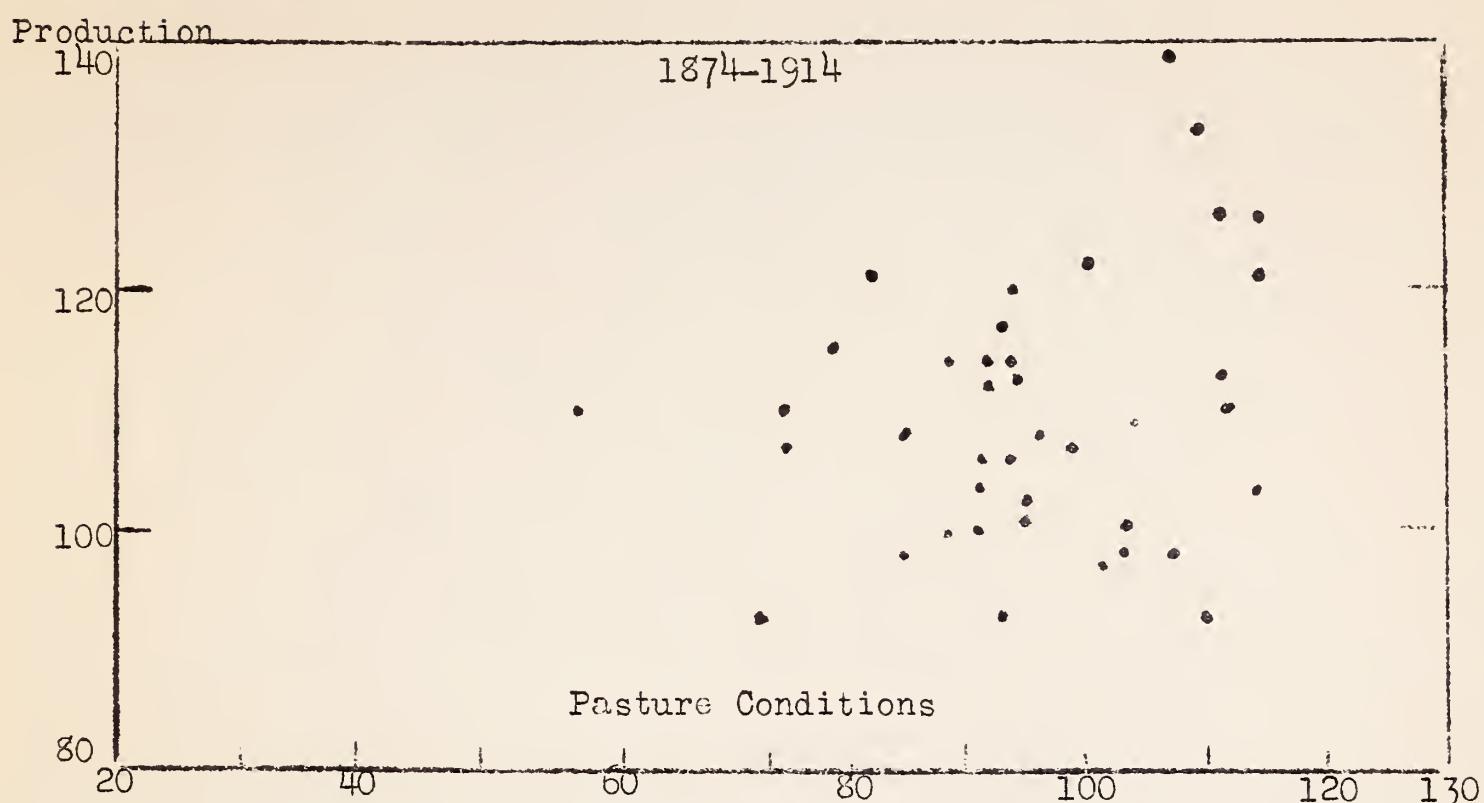
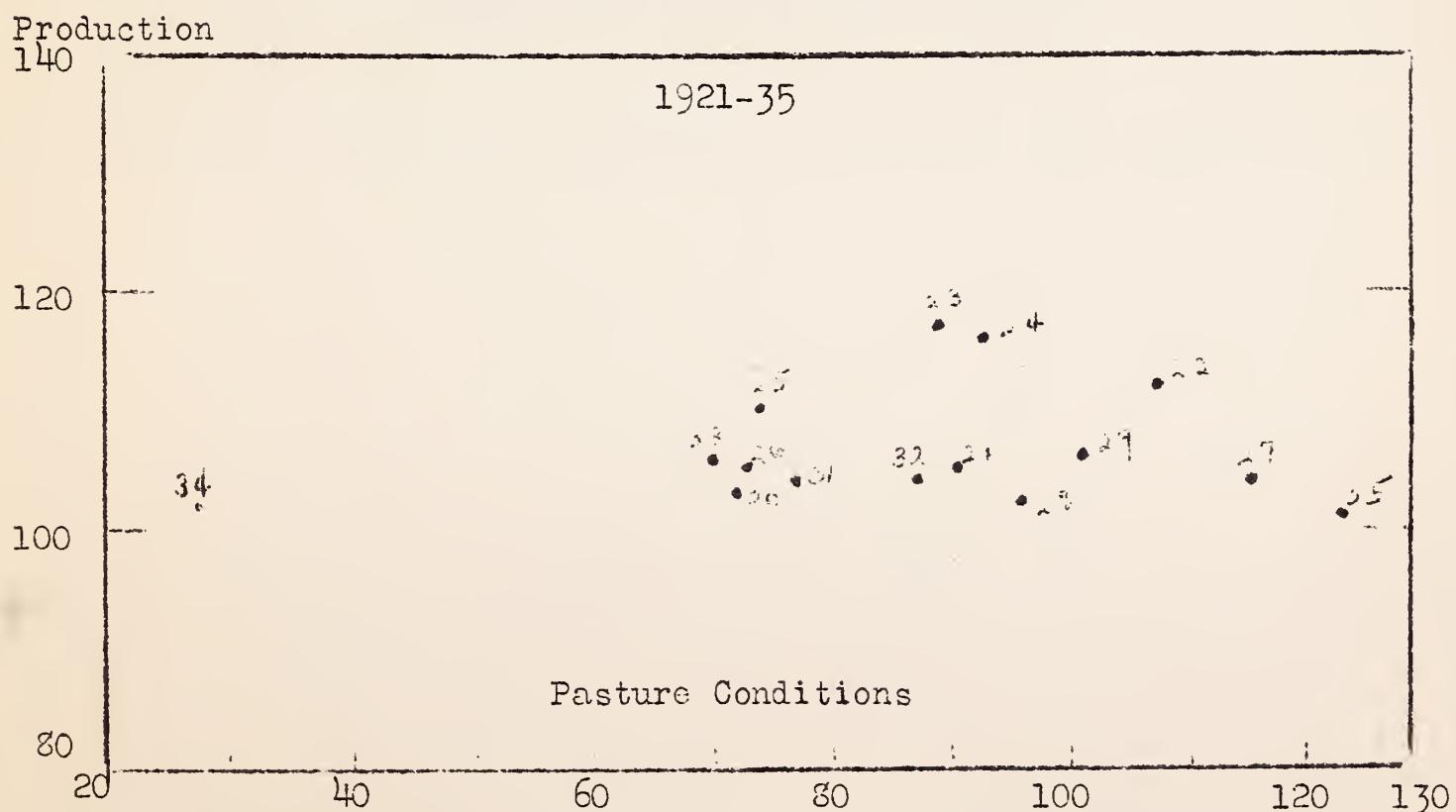


FIGURE 2. - RELATIONSHIP OF PASTURE CONDITIONS TO DAIRY PRODUCTION, 1921-1935



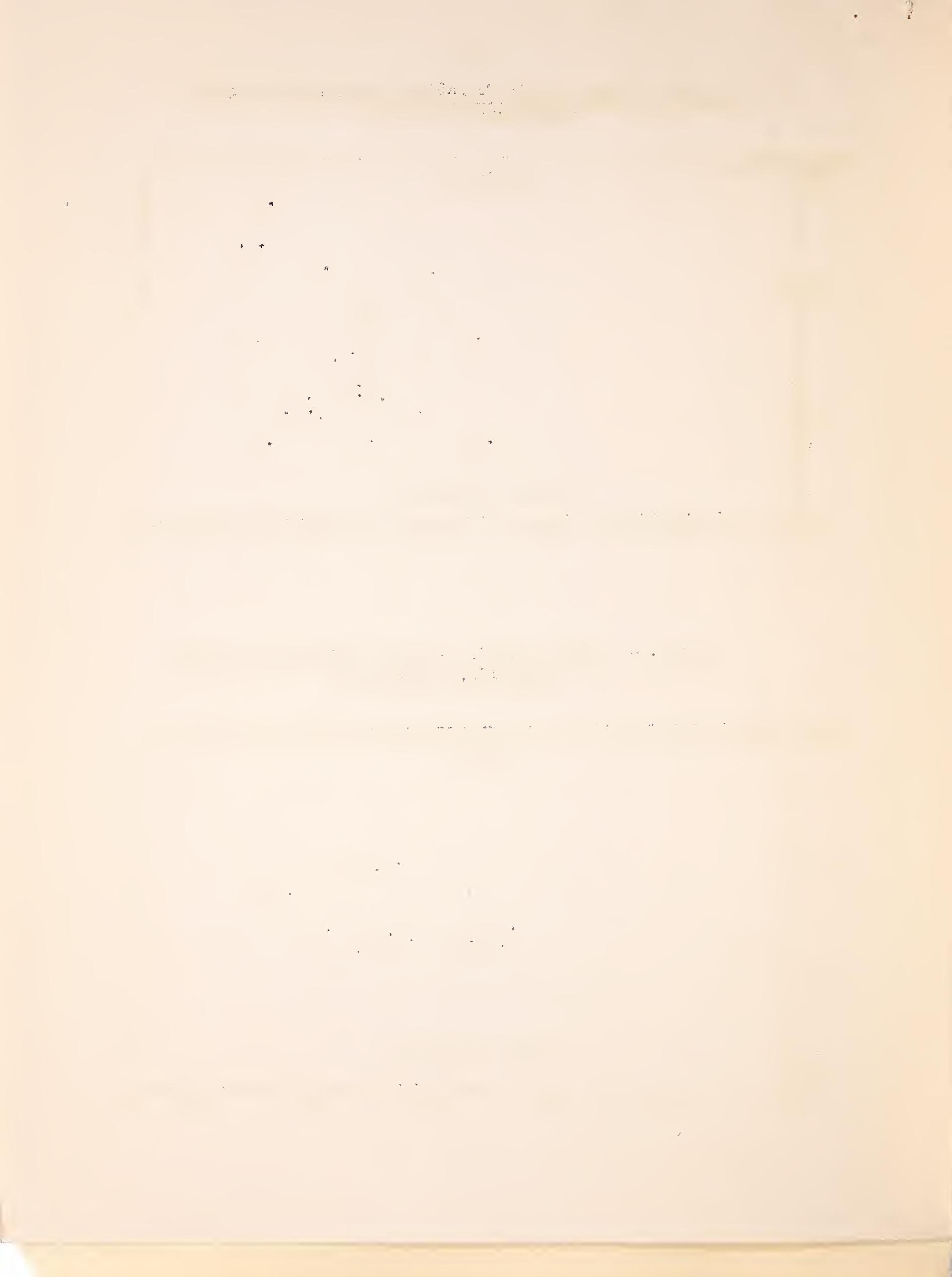
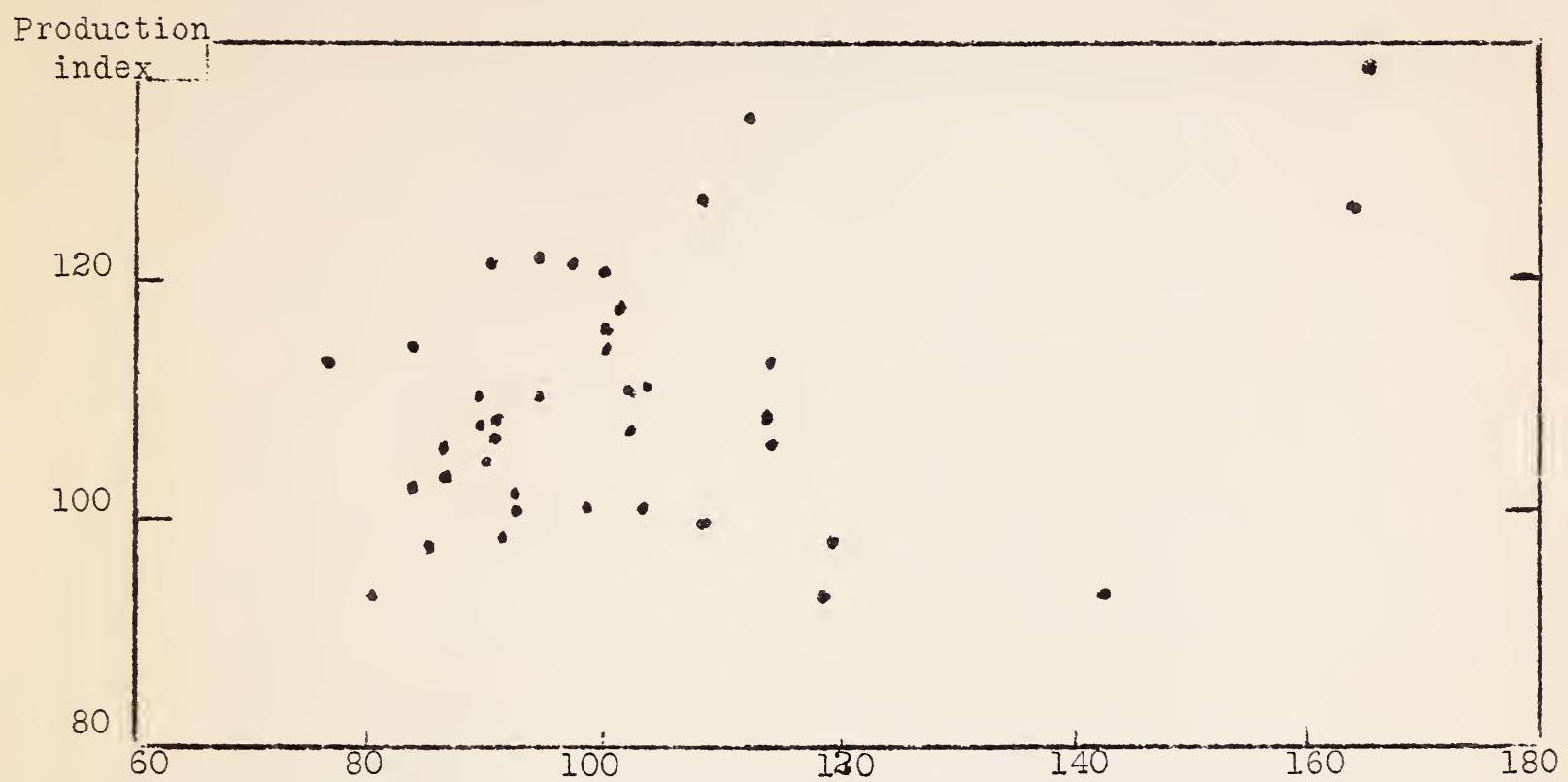
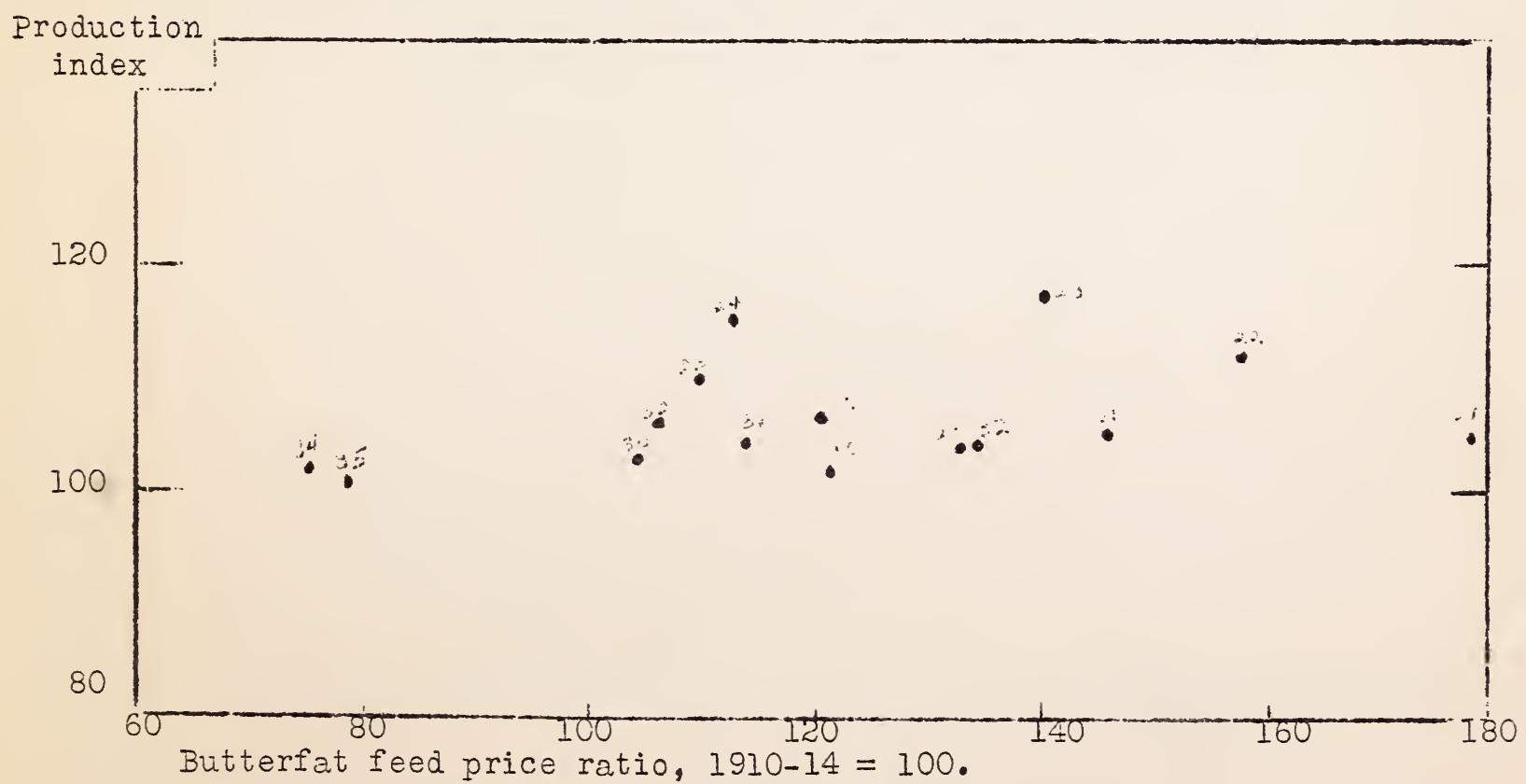


FIGURE 3. - RELATIONSHIP BETWEEN THE BUTTERFAT FEED PRICE RATIO AND DAIRY PRODUCTION, THE SAME YEAR, 1874-1914



Butterfat feed price ratio, 1910-14 = 100.

FIGURE 4. - RELATIONSHIP BETWEEN THE BUTTERFAT FEED PRICE RATIO AND DAIRY PRODUCTION, THE SAME YEAR, 1921-35



Butterfat feed price ratio, 1910-14 = 100.

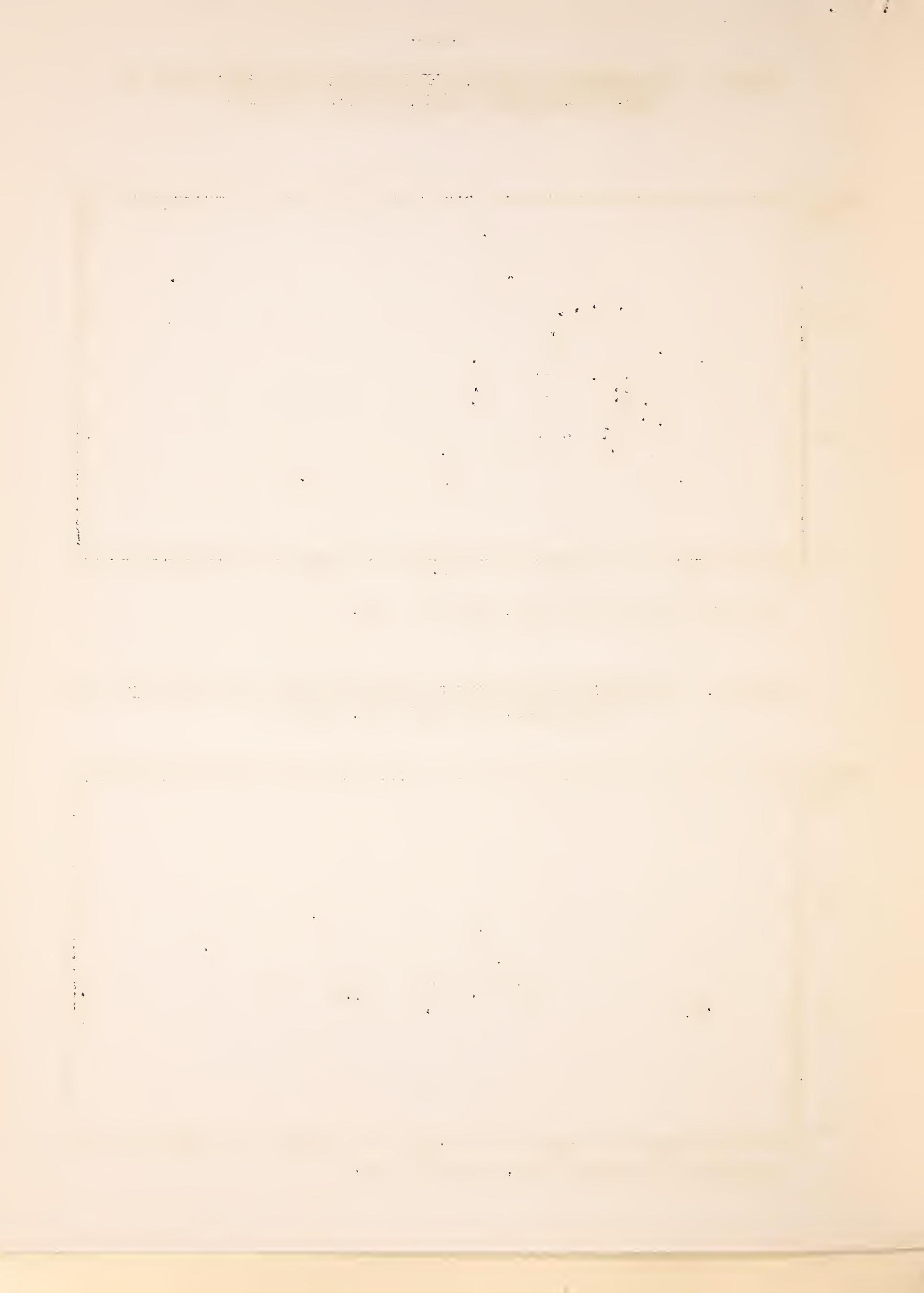


FIGURE 5. - RELATIONSHIP BETWEEN THE BUTTERFAT FEED PRICE RATIO AND DAIRY PRODUCTION THE FOLLOWING YEAR, 1874-1914

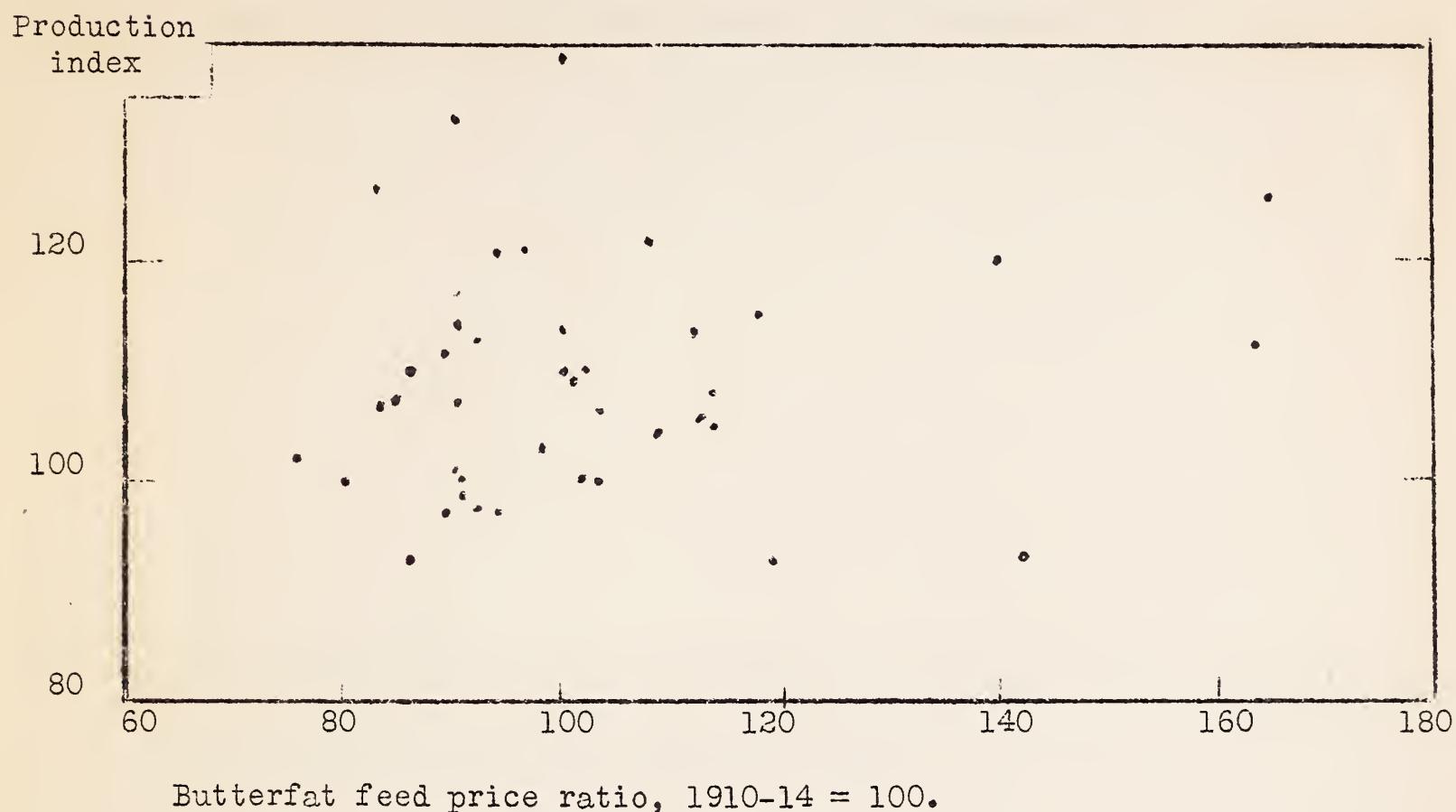
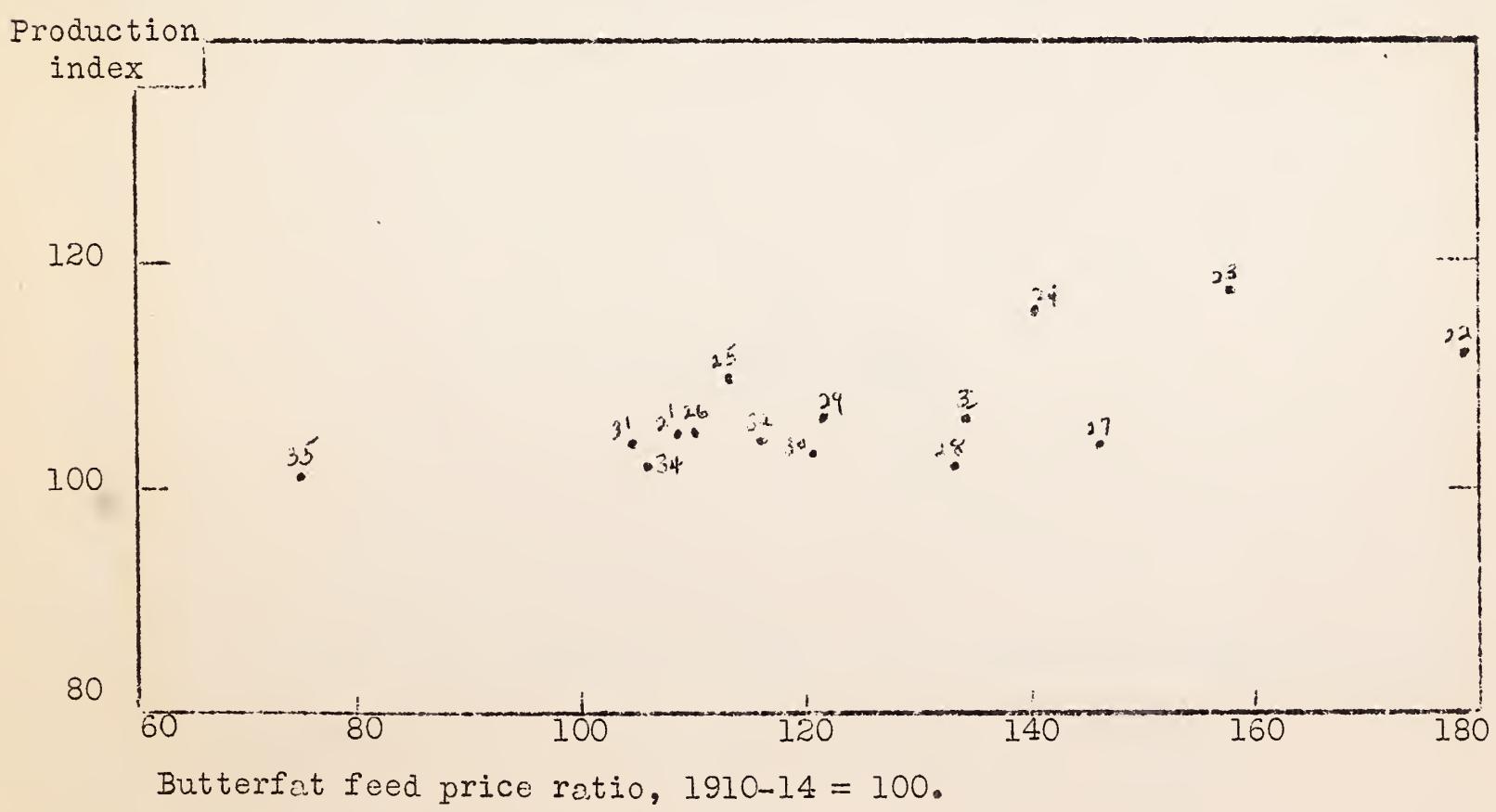


FIGURE 6. - RELATIONSHIP BETWEEN THE BUTTERFAT FEED PRICE RATIO AND DAIRY PRODUCTION THE FOLLOWING YEAR, 1921-35



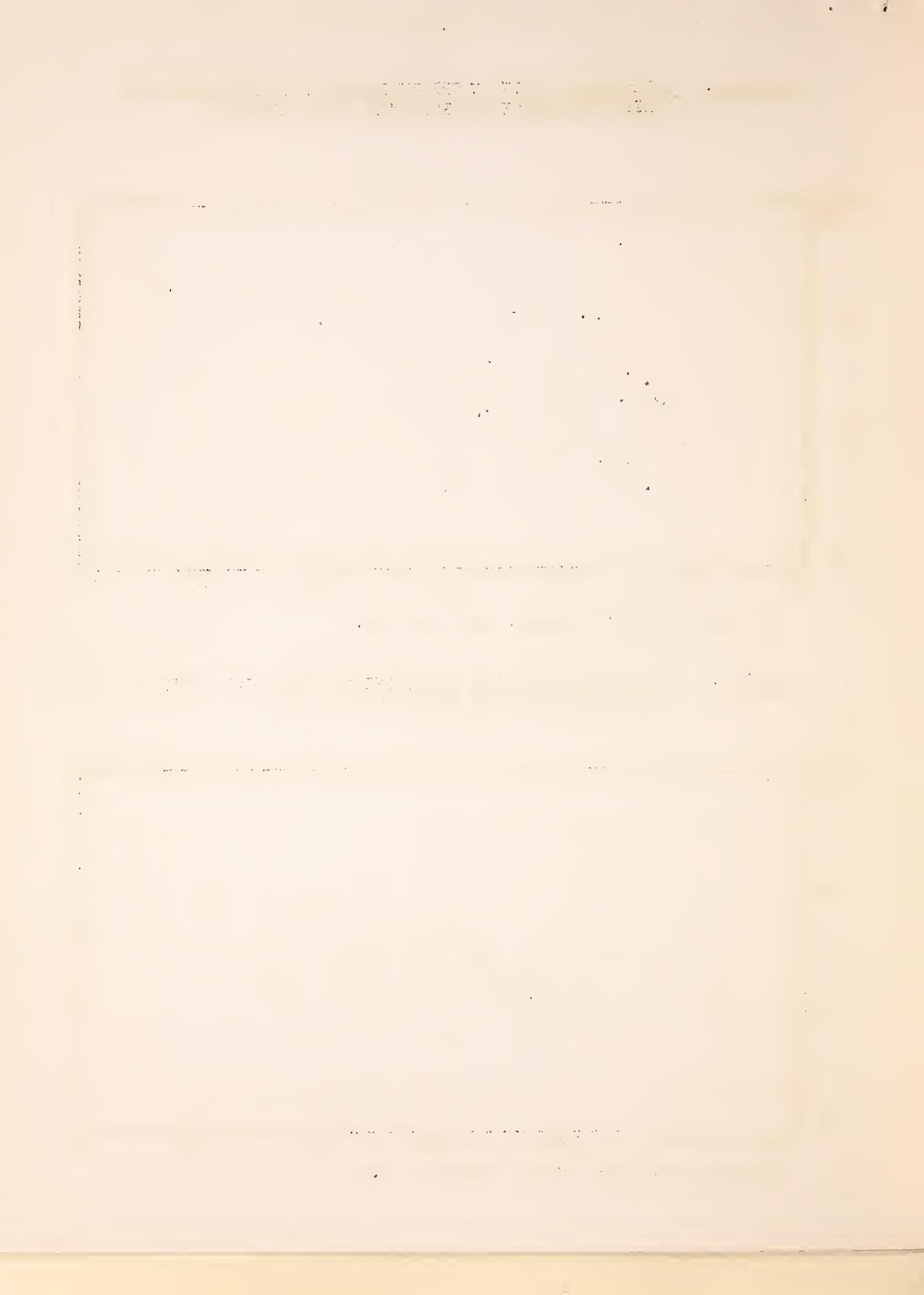
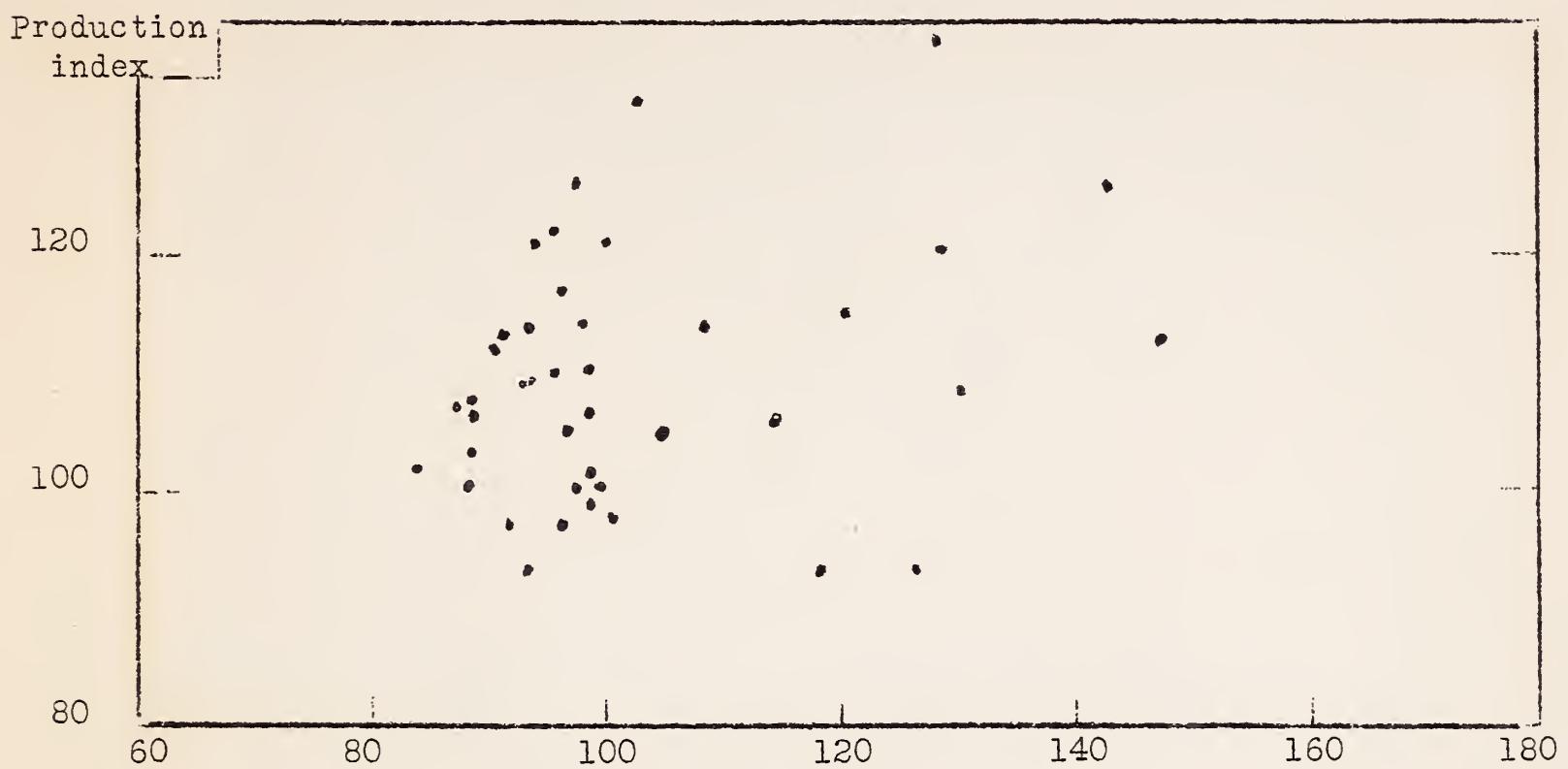
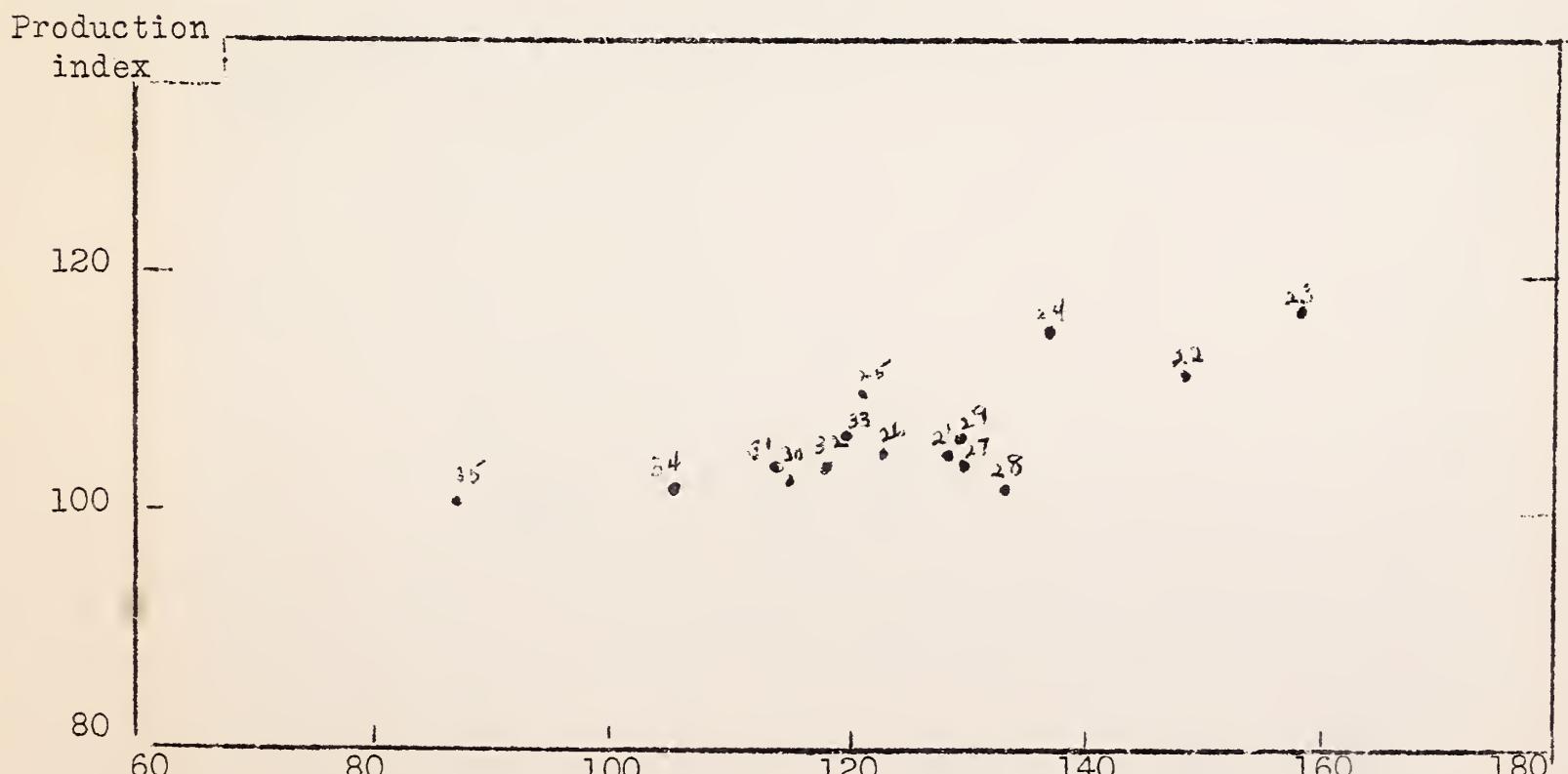


FIGURE 7. - RELATIONSHIP BETWEEN THE BUTTERFAT FEED PRICE RATIO,
3-YEAR AVERAGE, AND DAIRY PRODUCTION, 1874-1914



Butterfat feed price ratio, 1910-14 = 100.

FIGURE 8. - RELATIONSHIP BETWEEN THE BUTTERFAT FEED PRICE RATIO, 3-YEAR
AVERAGE, AND DAIRY PRODUCTION, 1921-35



Butterfat feed price ratio, 1910-14 = 100.

FIGURE 9. - RELATIONSHIP BETWEEN FEED GRAINS FED AND DAIRY PRODUCTION,
THE SAME YEAR, 1874-1914

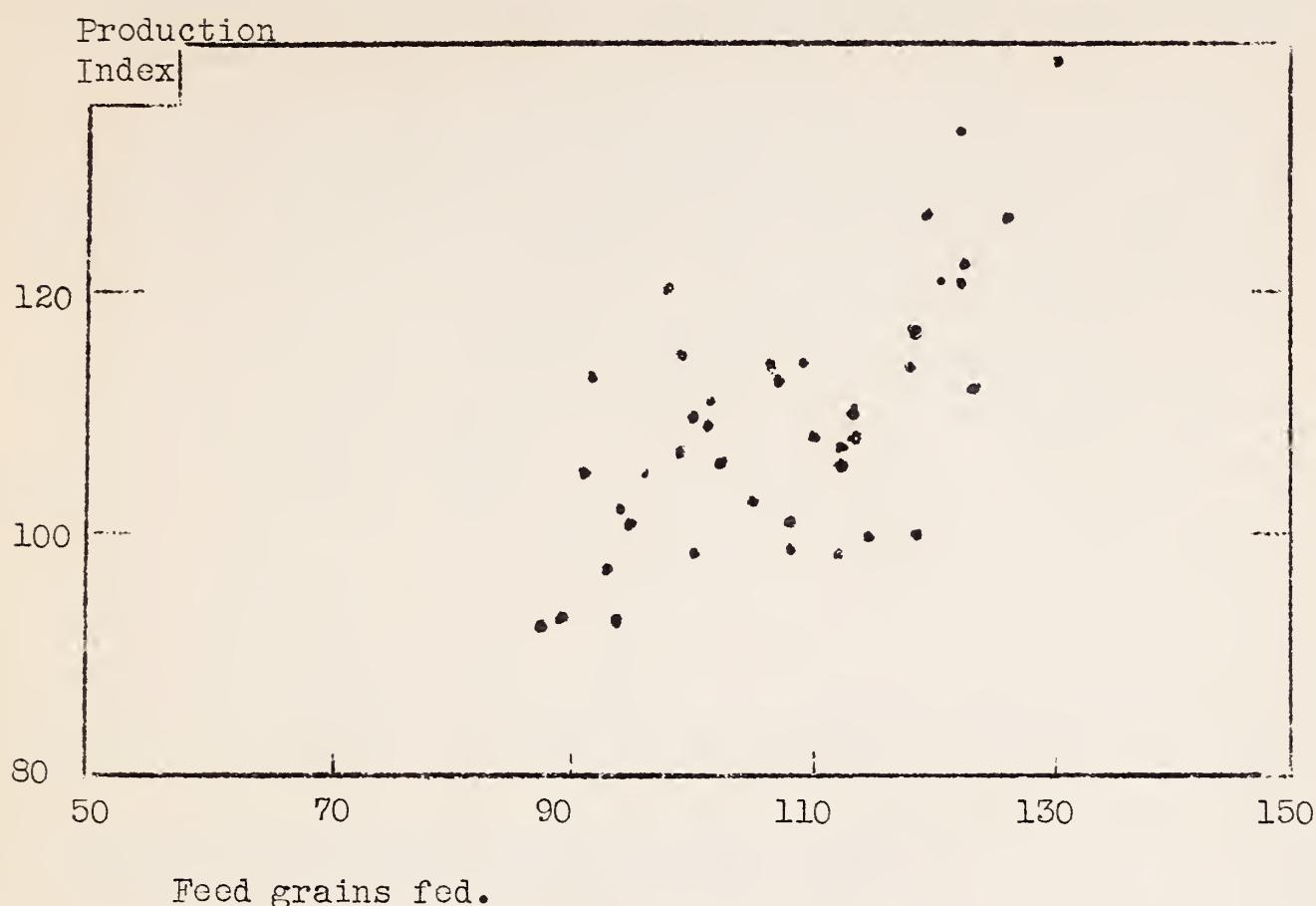
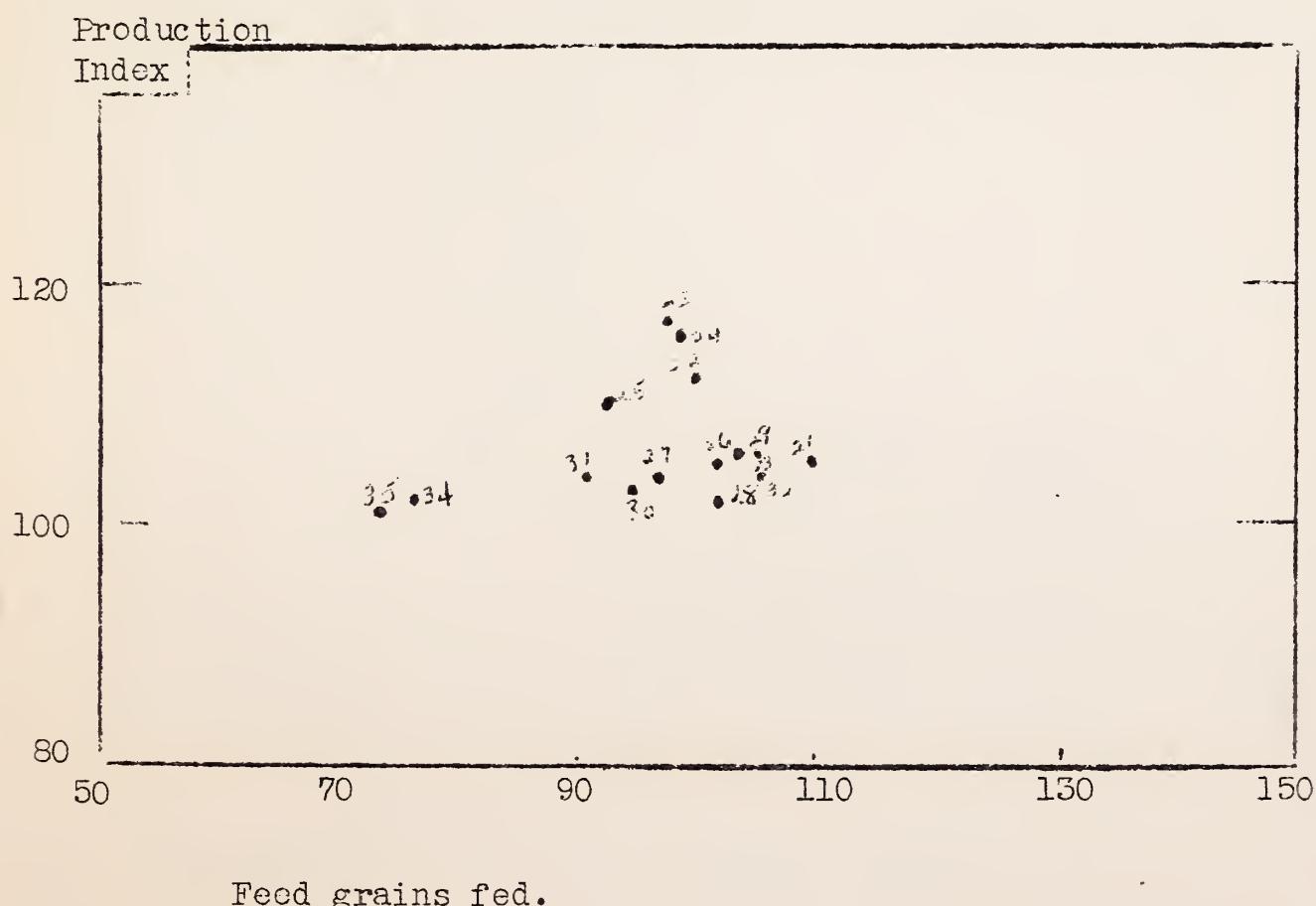


FIGURE 10. - RELATIONSHIP BETWEEN FEED GRAINS FED AND DAIRY PRODUCTION,
THE SAME YEAR, 1921-35



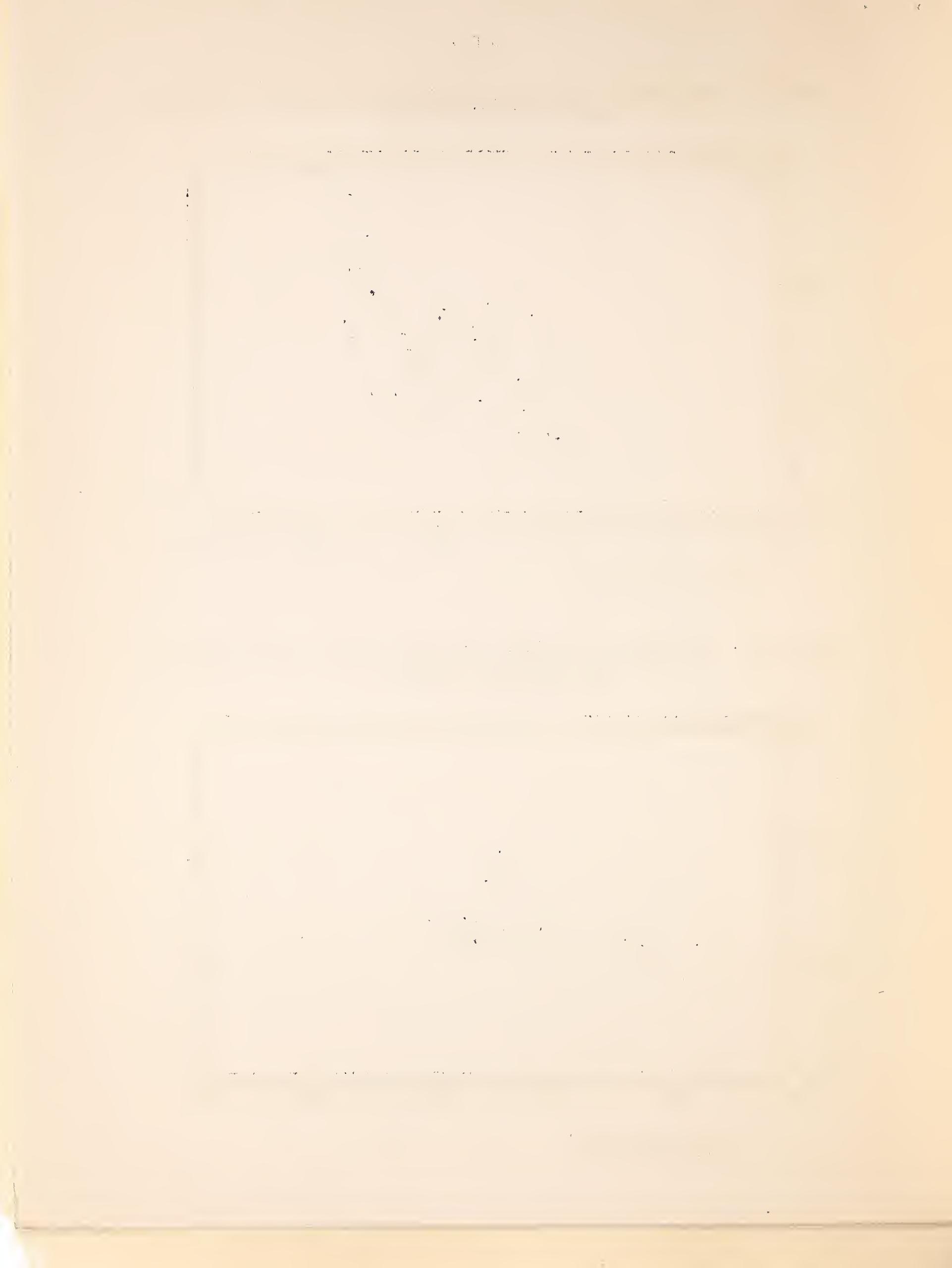
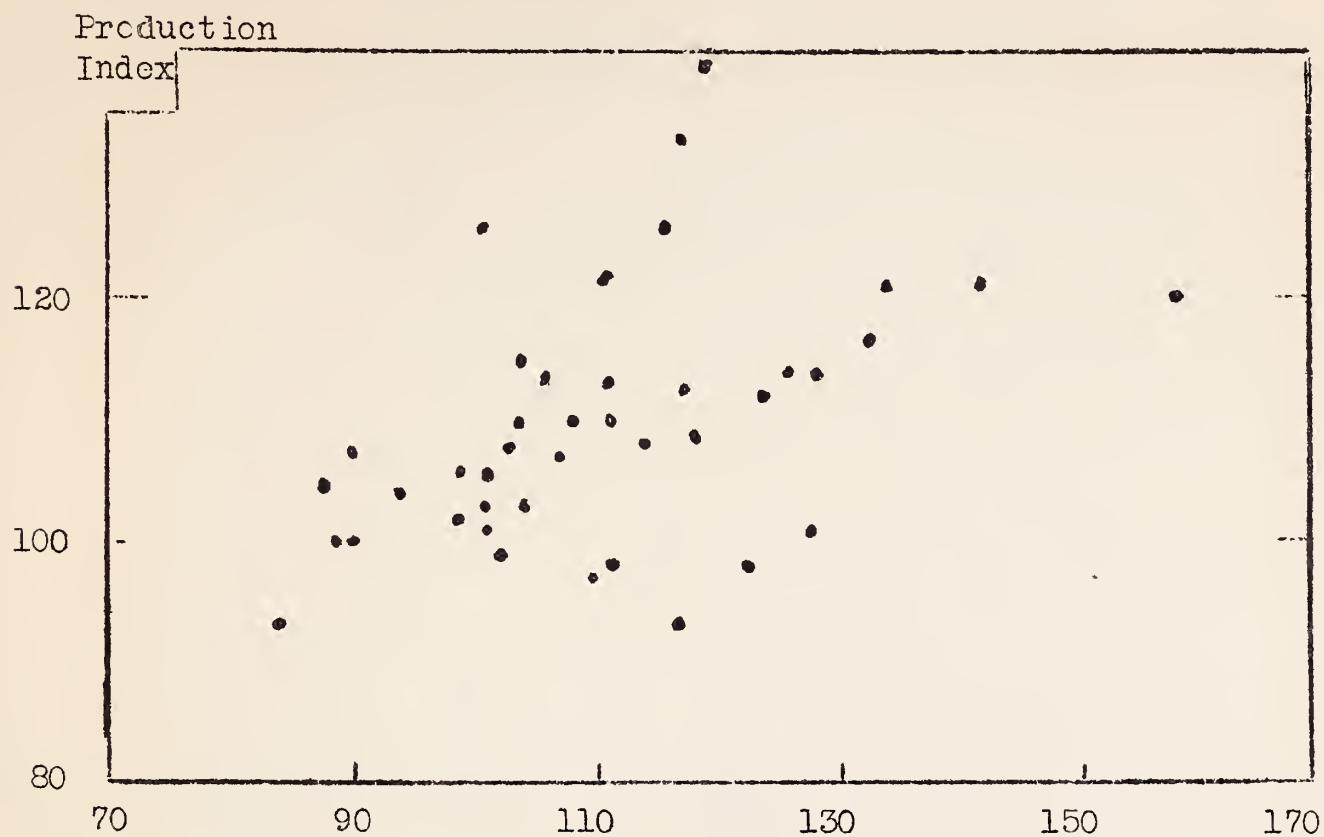
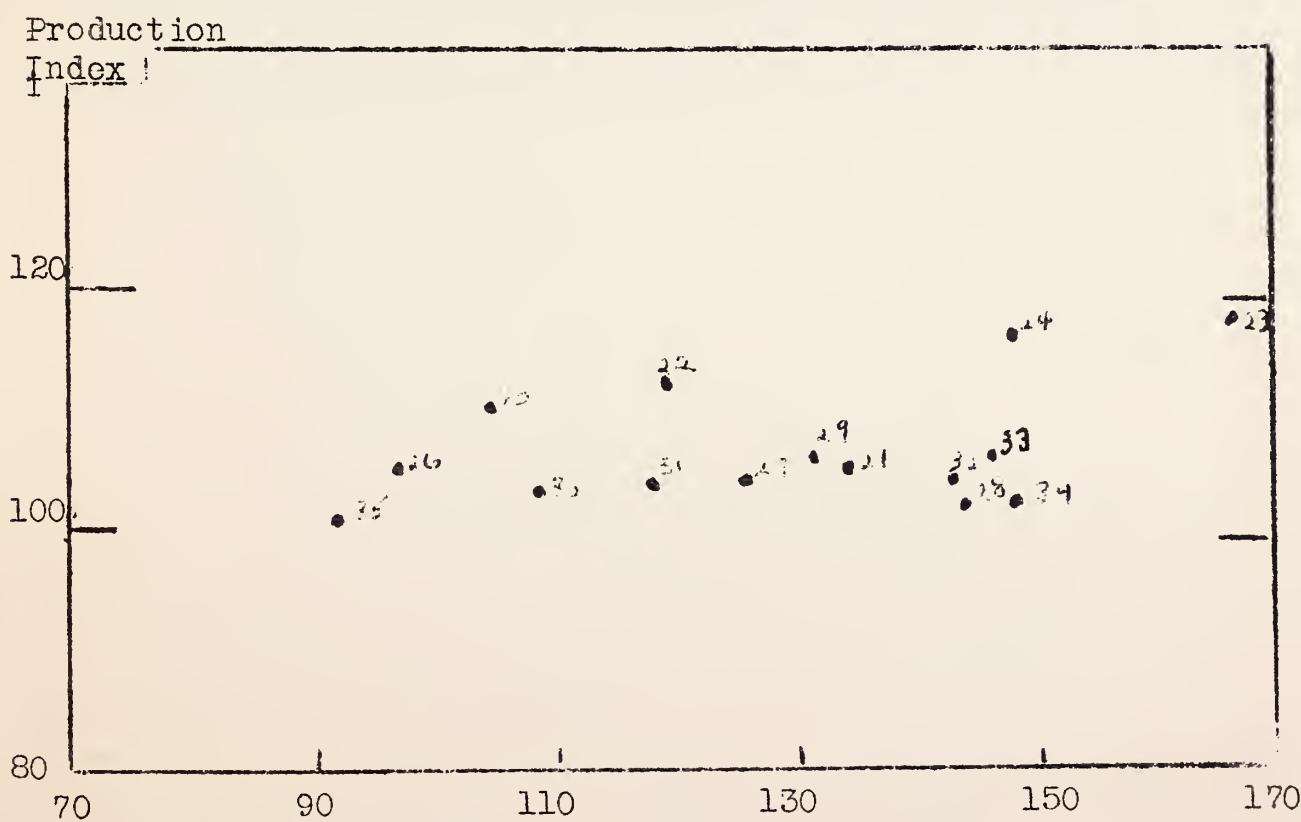


FIGURE 11. - RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO AND DAIRY PRODUCTION, THE SAME YEAR, 1874-1914



Butterfat hog price ratio, 1910-14 = 100.

FIGURE 12. - RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO AND DAIRY PRODUCTION, THE SAME YEAR, 1921-35



Butterfat hog price ratio, 1910-14 = 100.

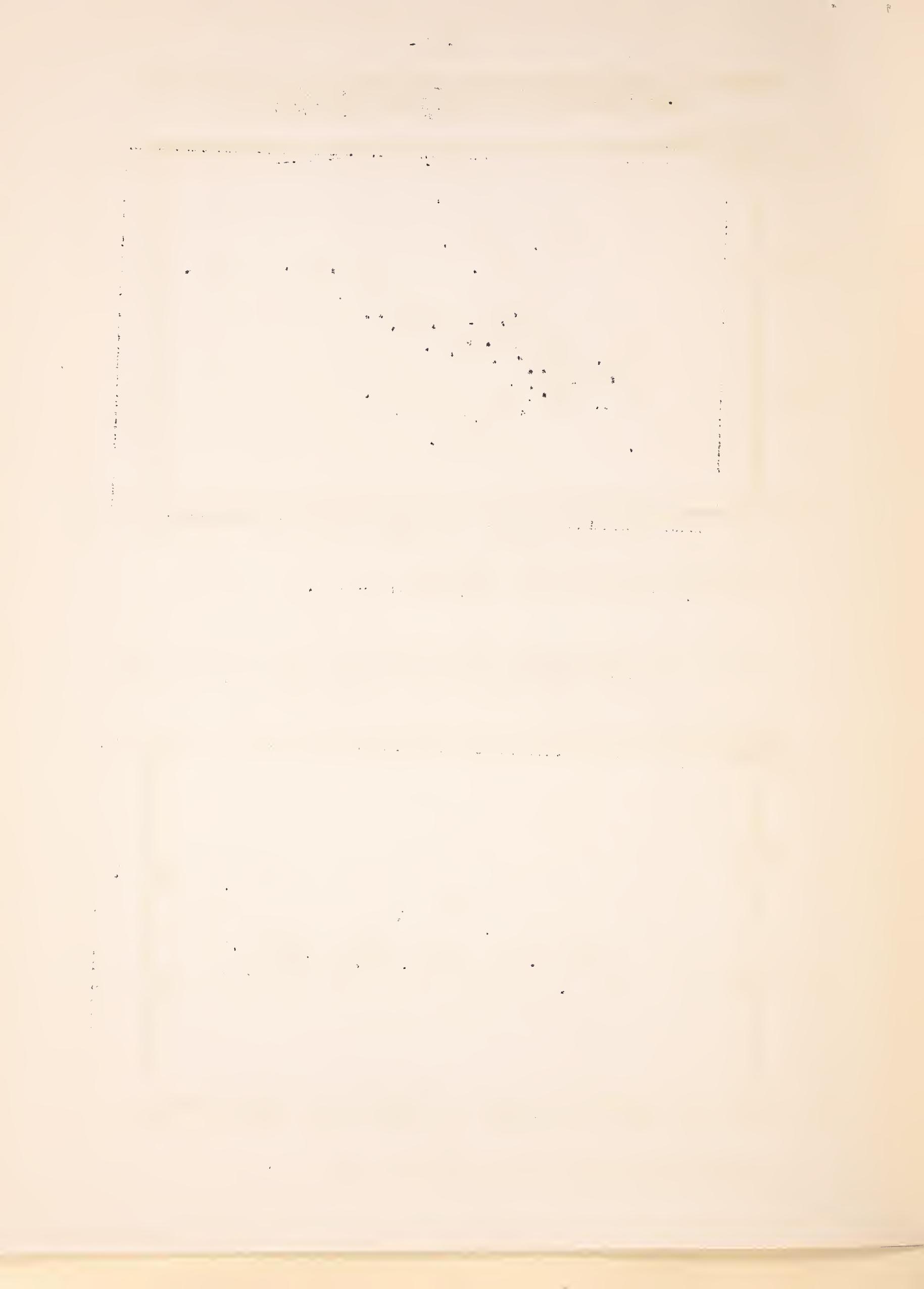


FIGURE 13.- RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO AND DAIRY PRODUCTION THE FOLLOWING YEAR, 1874-1914

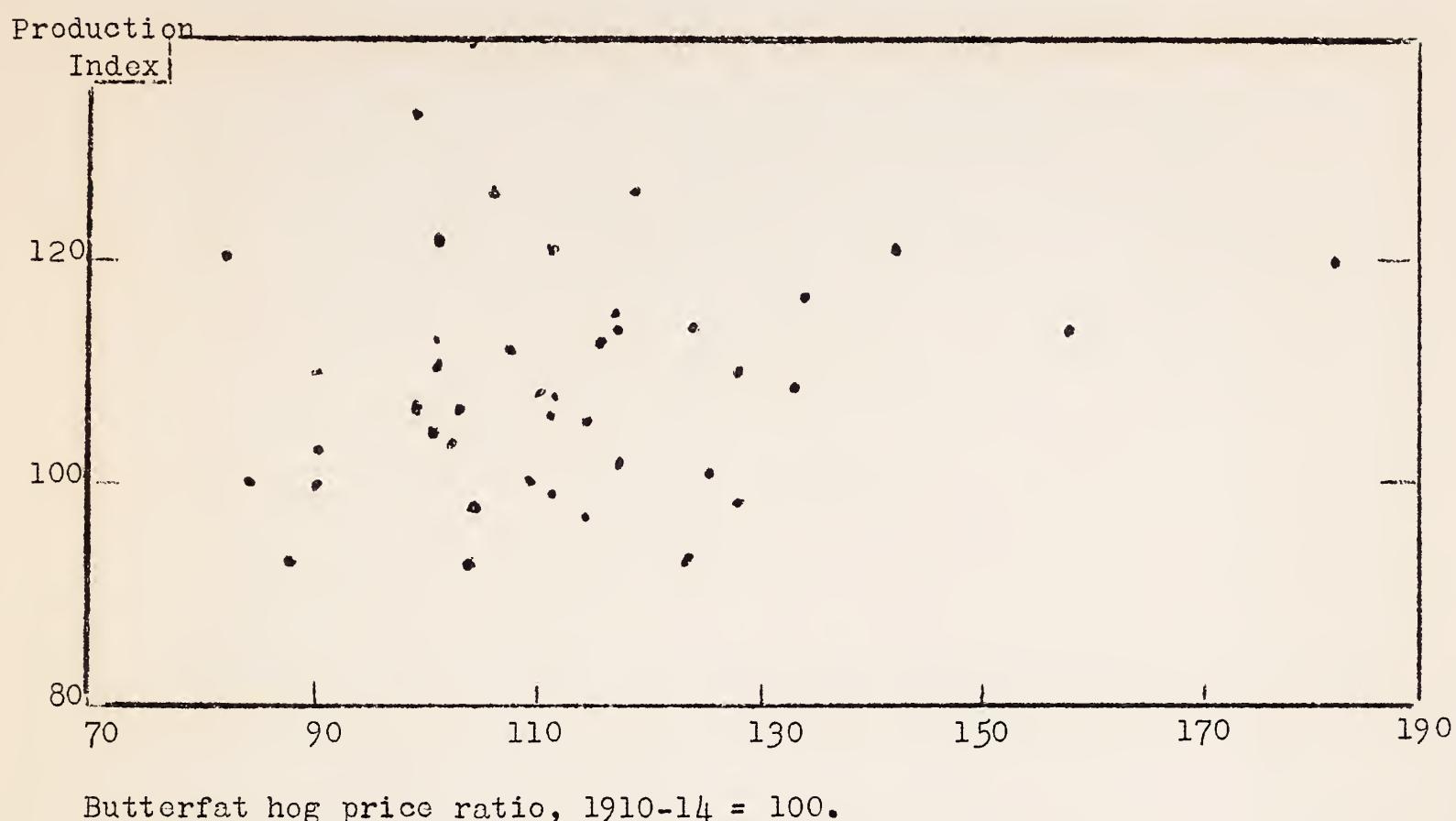


FIGURE 14.- RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO AND DAIRY PRODUCTION THE FOLLOWING YEAR, 1921-35

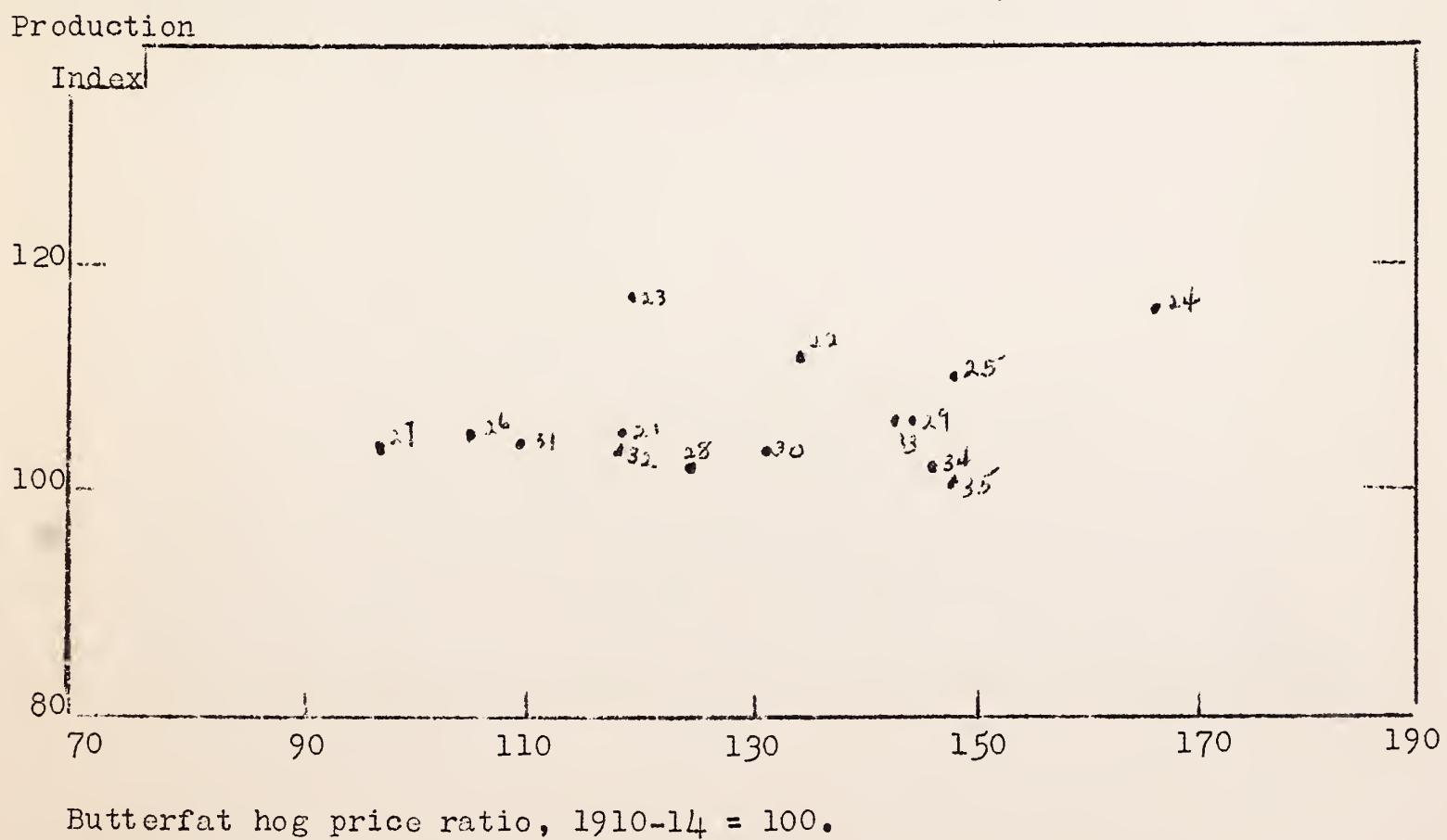


FIGURE 15.- RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO
(2-YEAR WEIGHTED AVERAGE) AND DAIRY PRODUCTION, 1874-1914

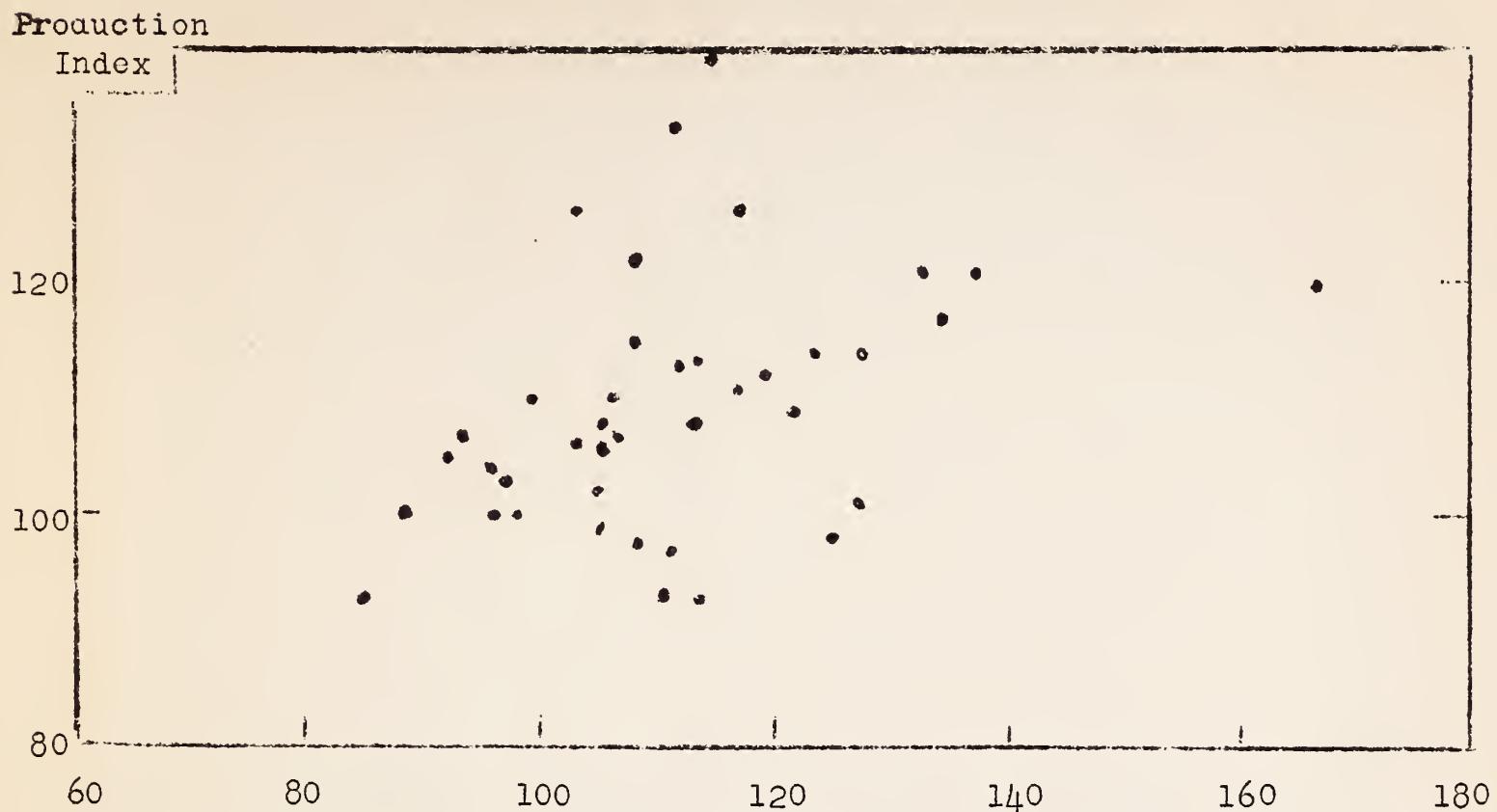


FIGURE 16.- RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO
(2-YEAR WEIGHTED AVERAGE) AND DAIRY PRODUCTION, 1921-35

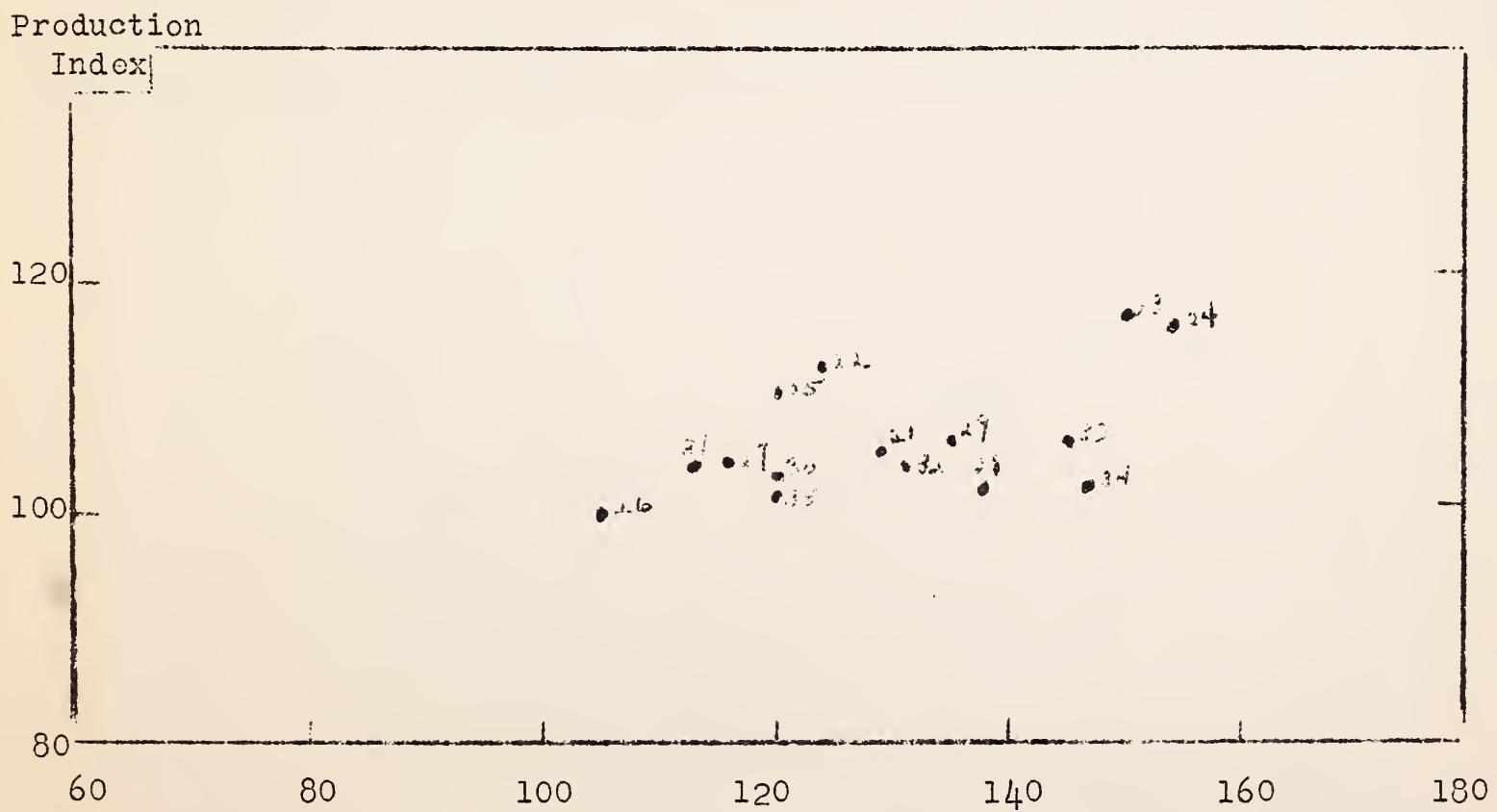


FIGURE 17. - RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION THE SAME YEAR, 1874-1914

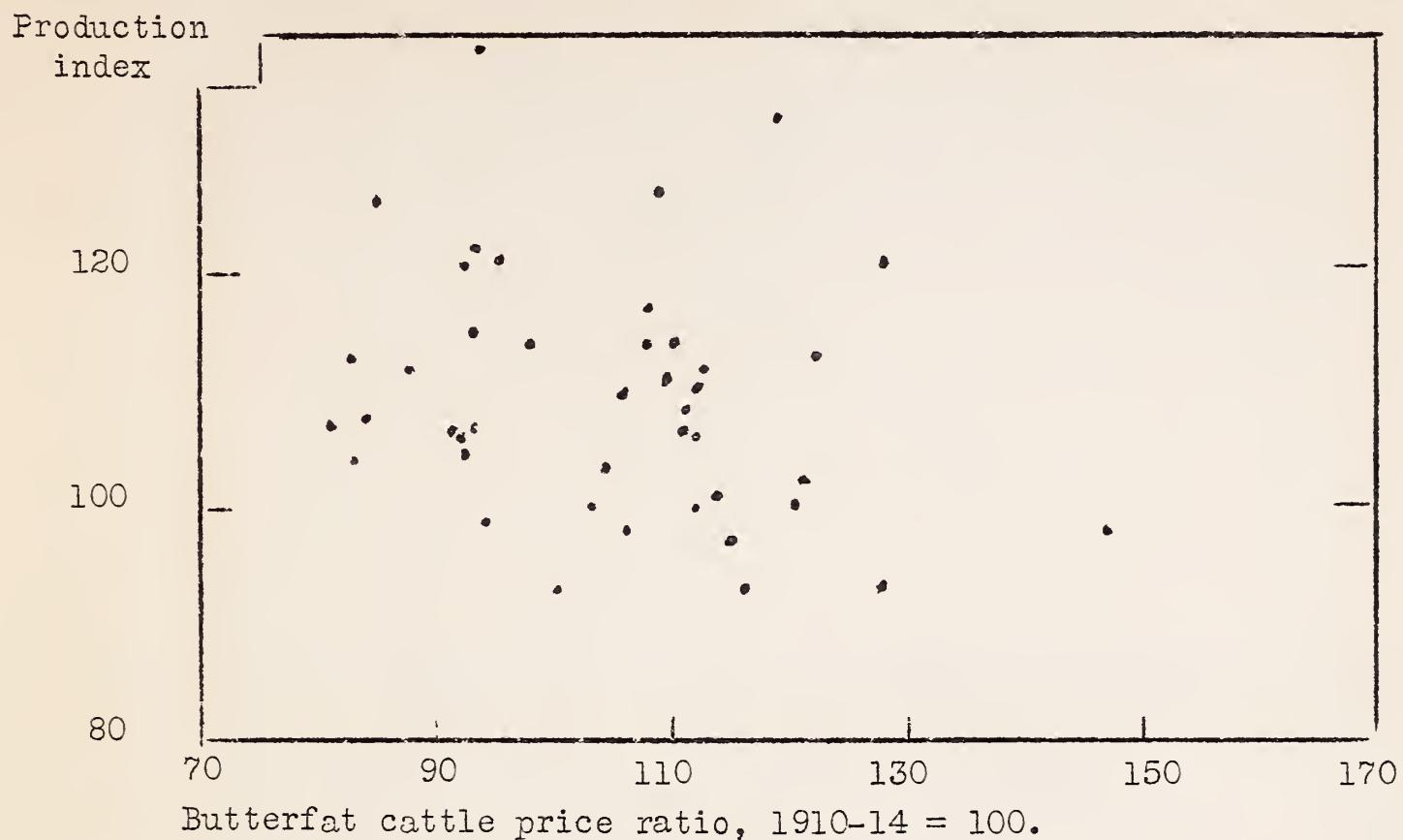
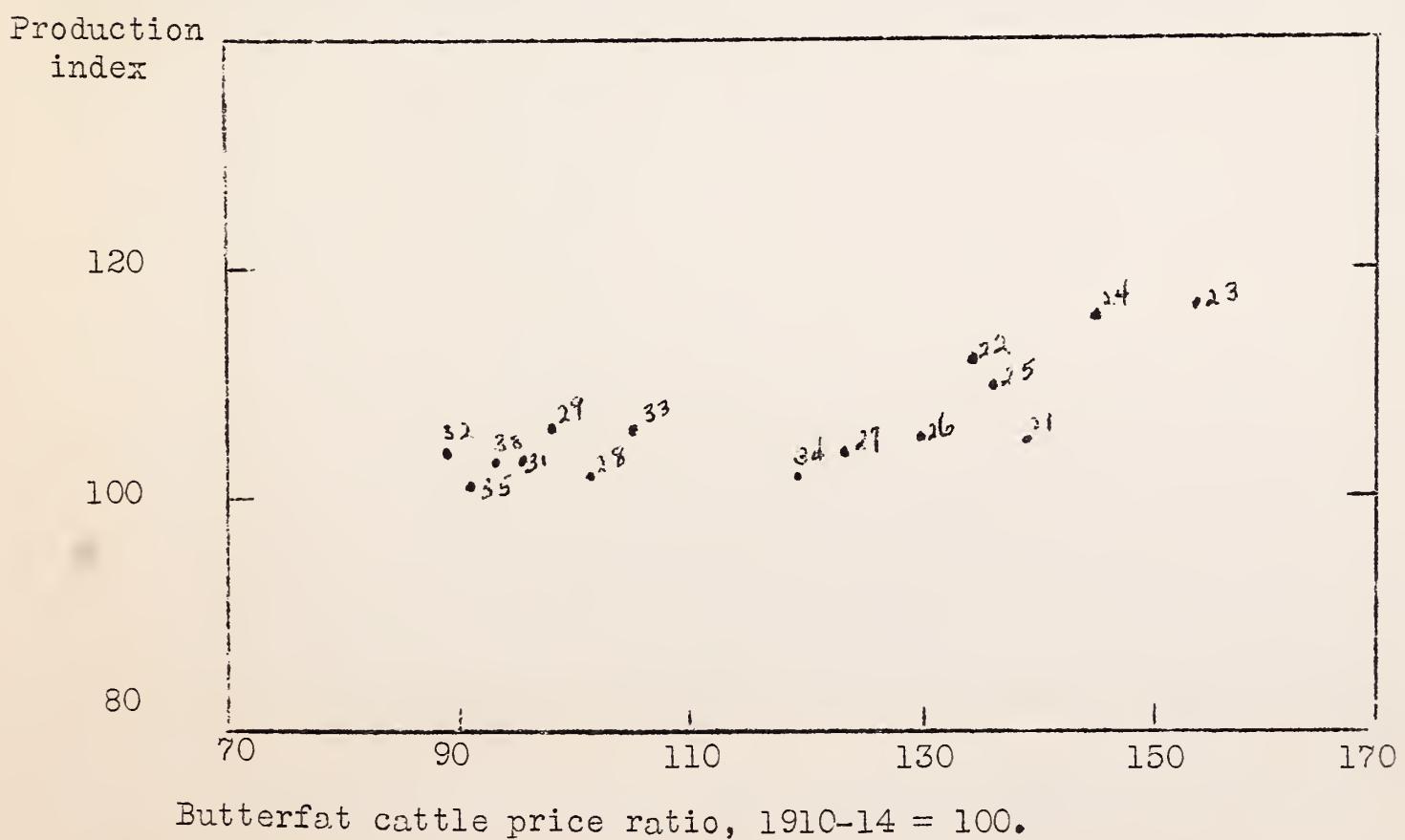


FIGURE 18.- RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION THE SAME YEAR, 1921-35



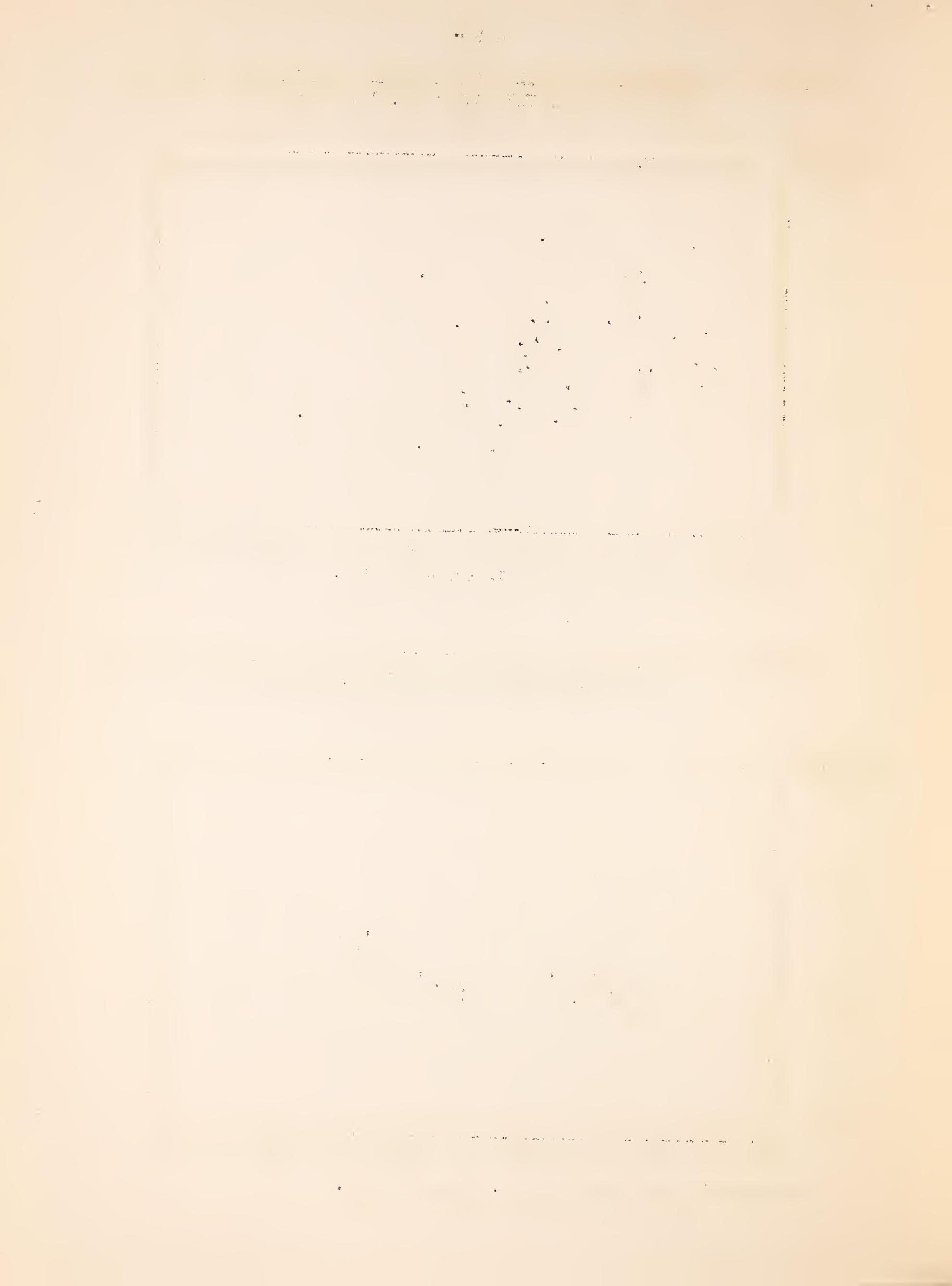


FIGURE 10.- RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION 3 YEARS LATER, 1874-1914

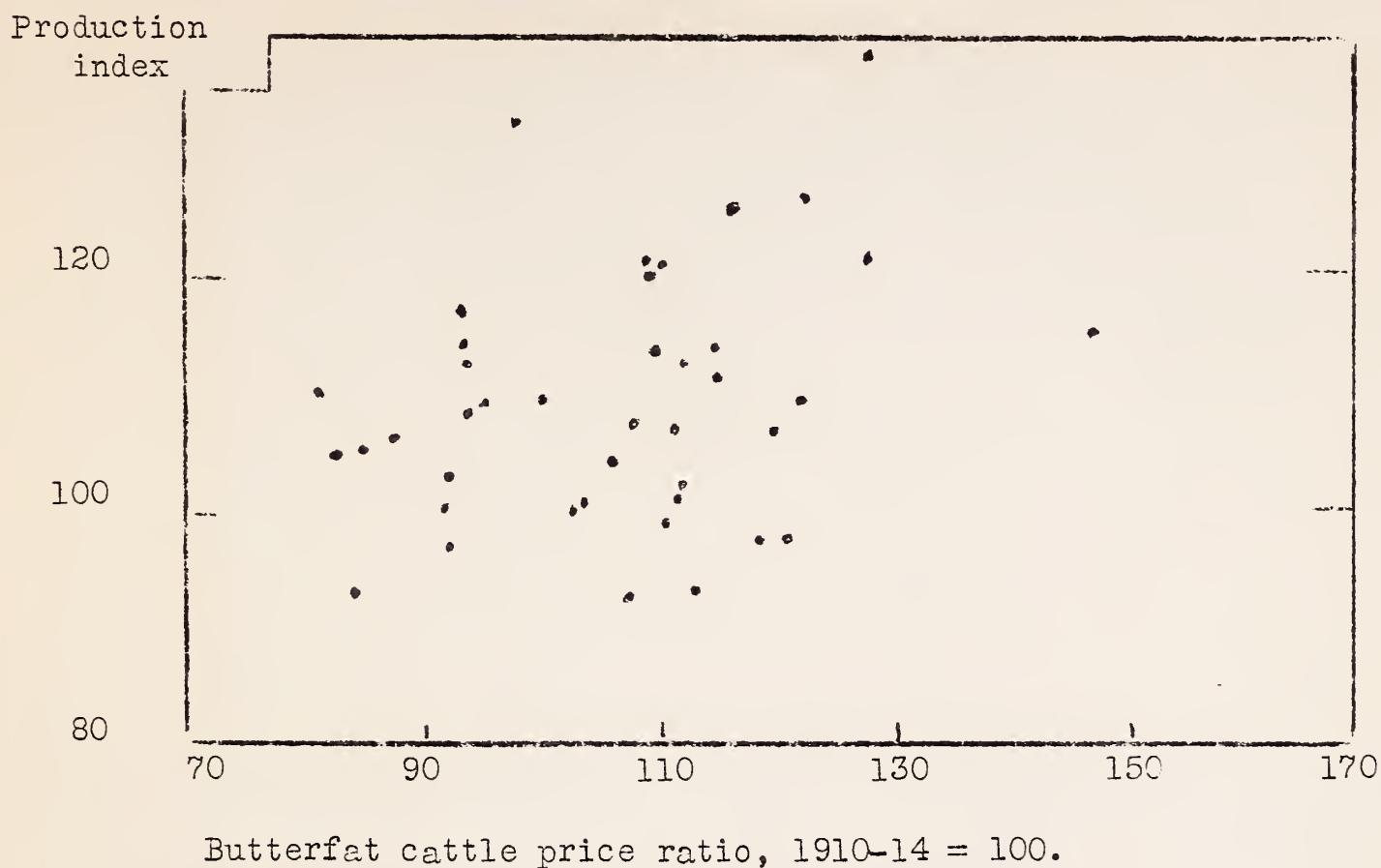
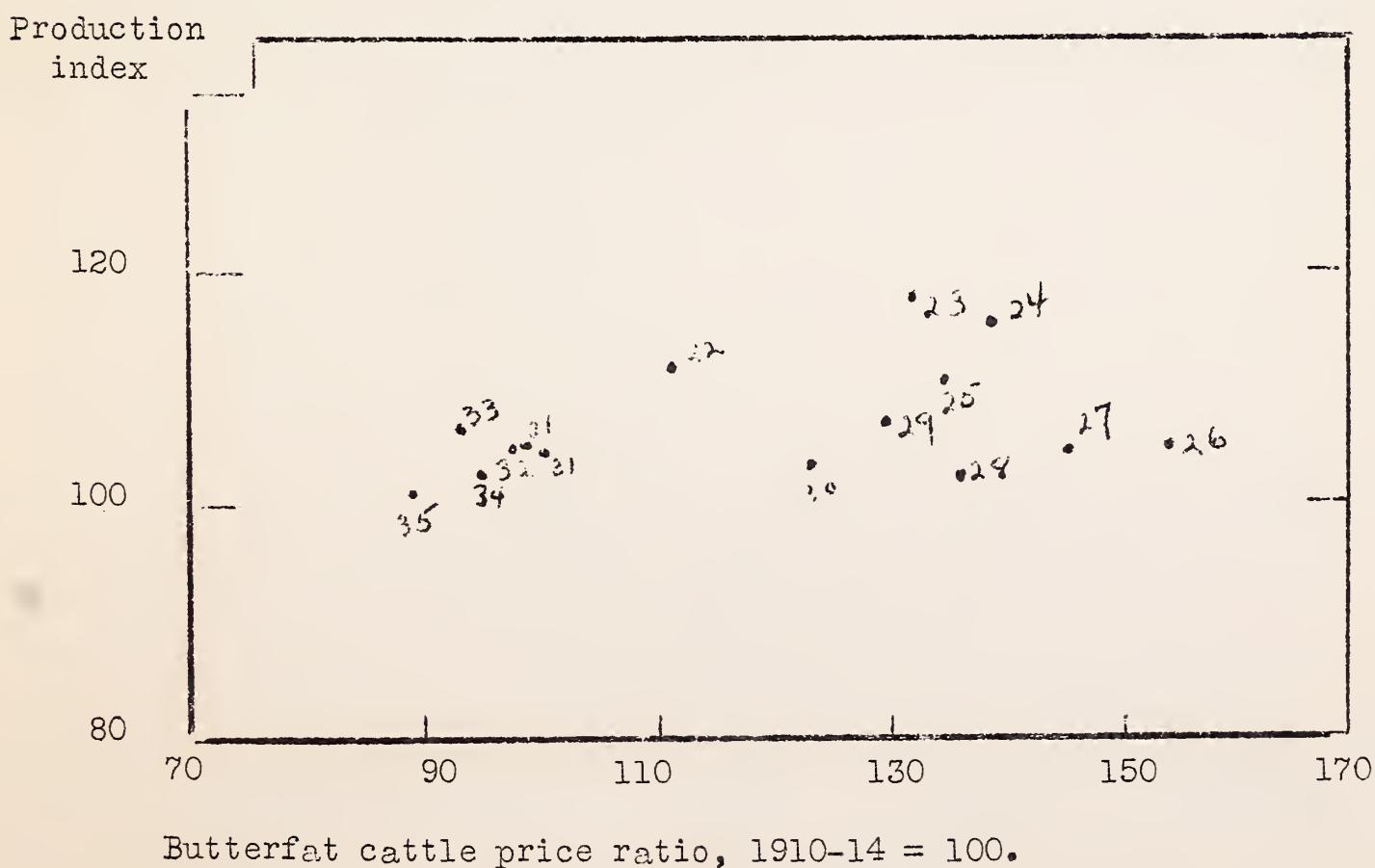


FIGURE 20.- RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION, 3 YEARS LATER, 1921-35



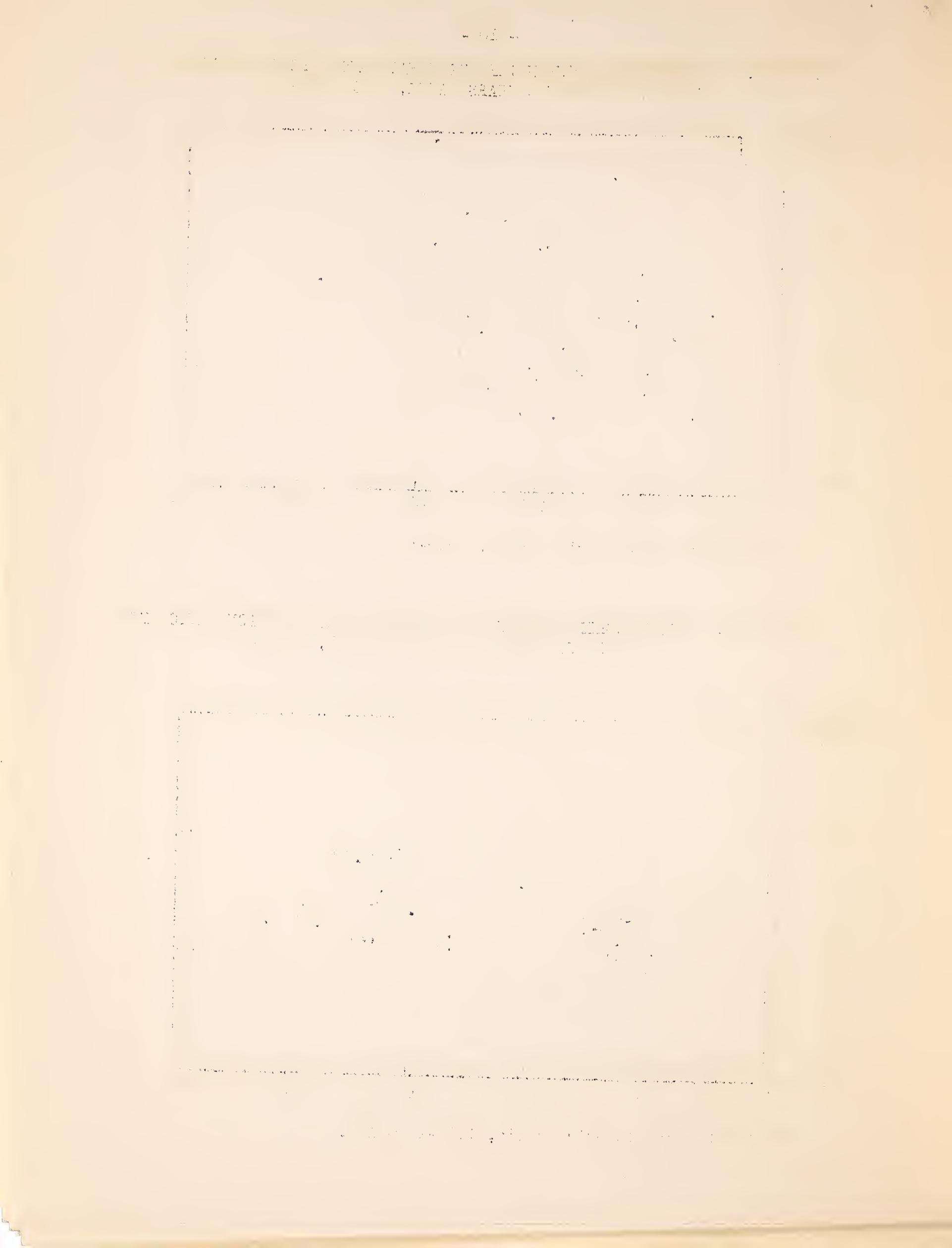


FIGURE 21. - RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION 4 YEARS LATER, 1874-1914

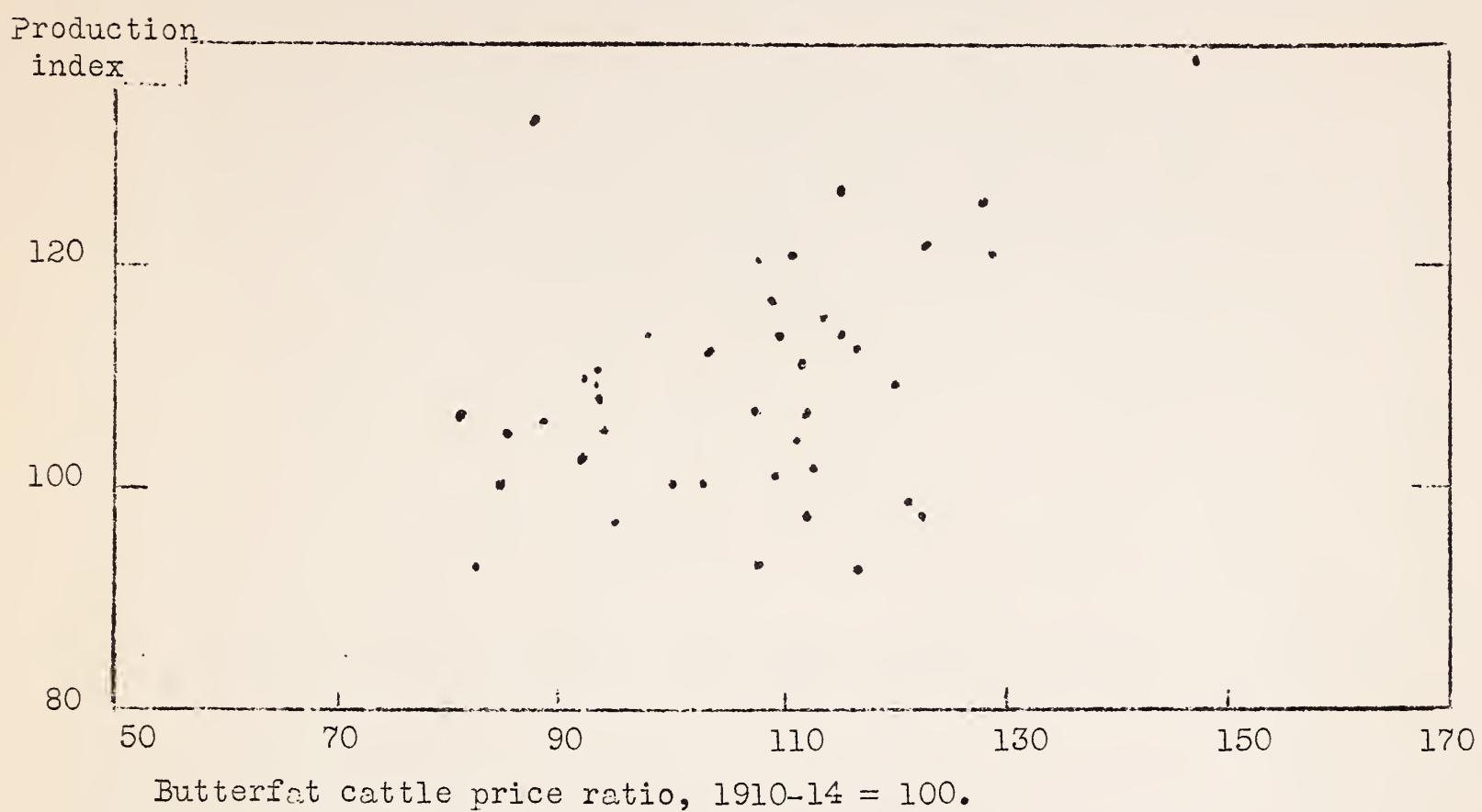


FIGURE 22. - RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION 4 YEARS LATER, 1921-35

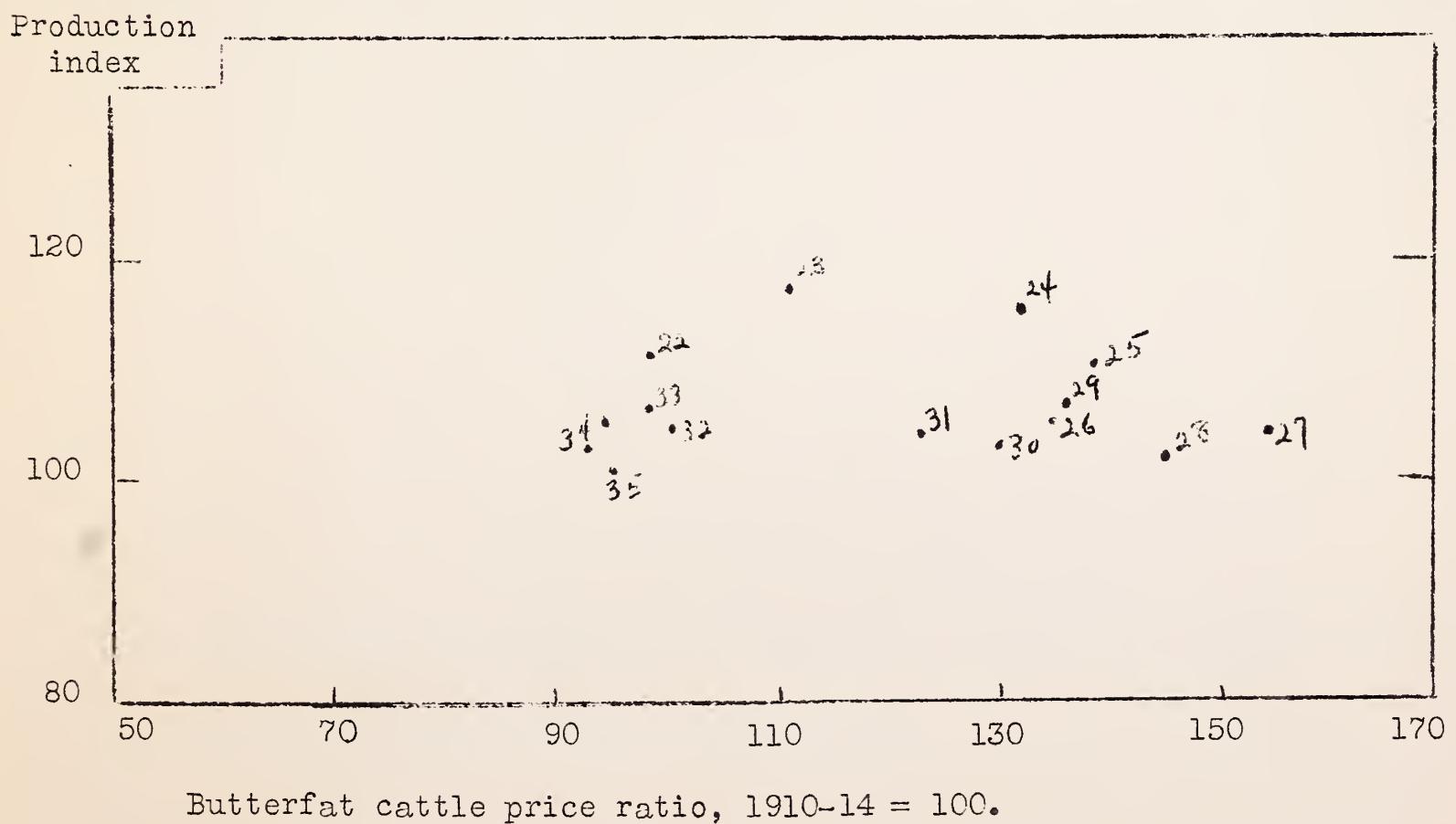
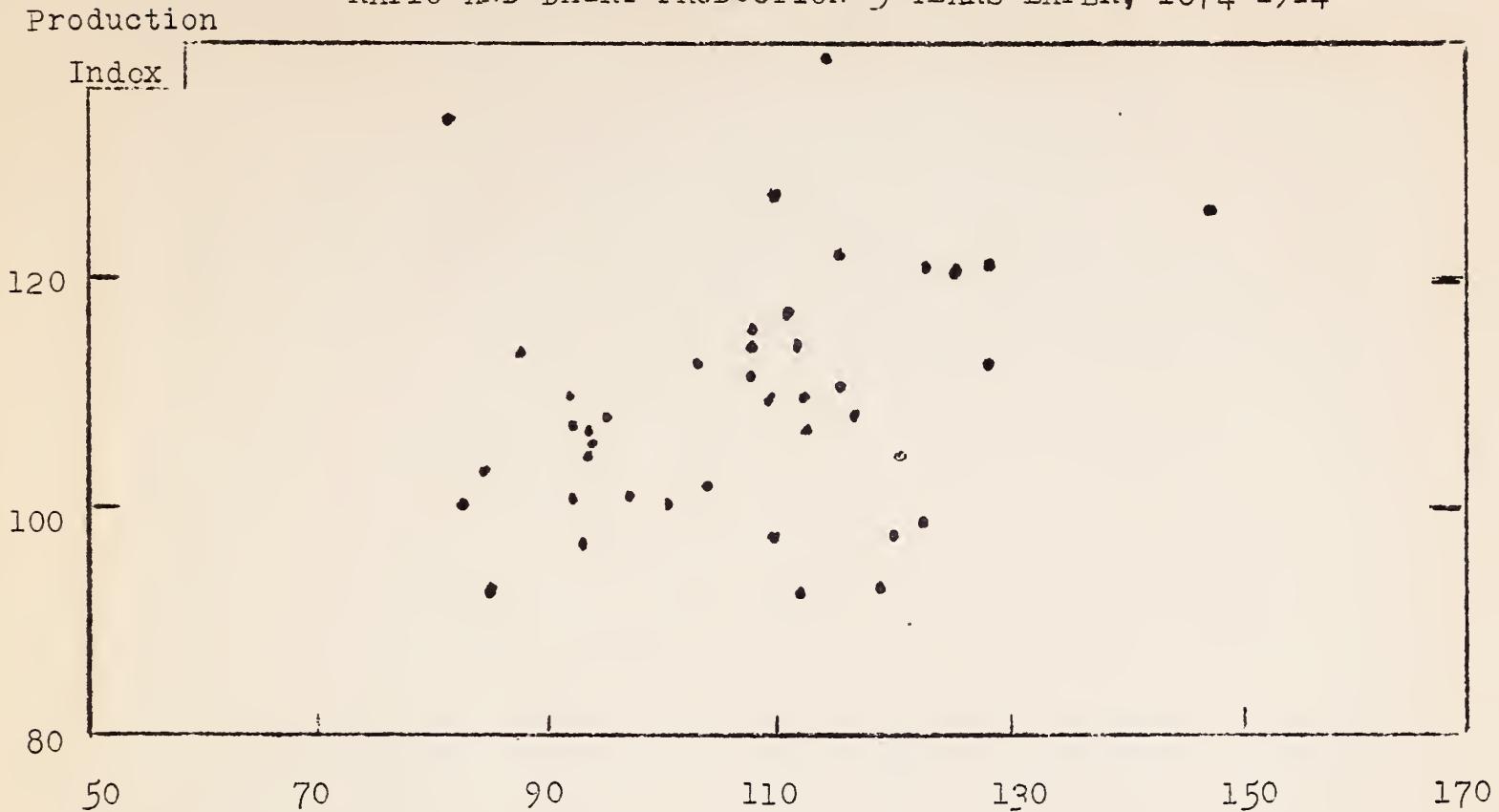
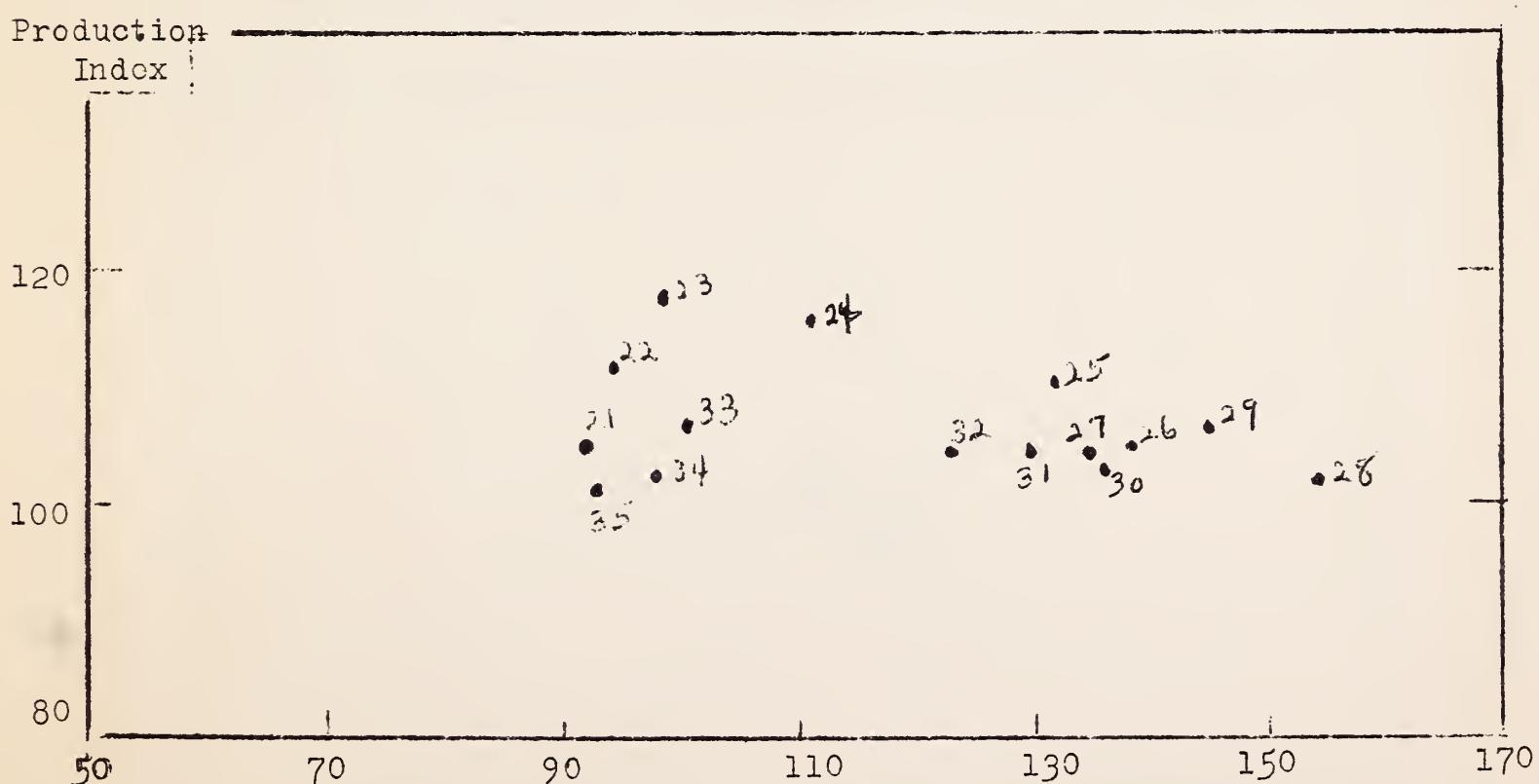


FIGURE 23.- RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION 5 YEARS LATER, 1874-1914



Butterfat cattle price ratio, 1910-14 = 100.

FIGURE 24.- RELATIONSHIP BETWEEN THE BUTTERFAT CATTLE PRICE RATIO AND DAIRY PRODUCTION 5 YEARS LATER, 1921-35



Butterfat cattle price ratio, 1910-14 = 100.

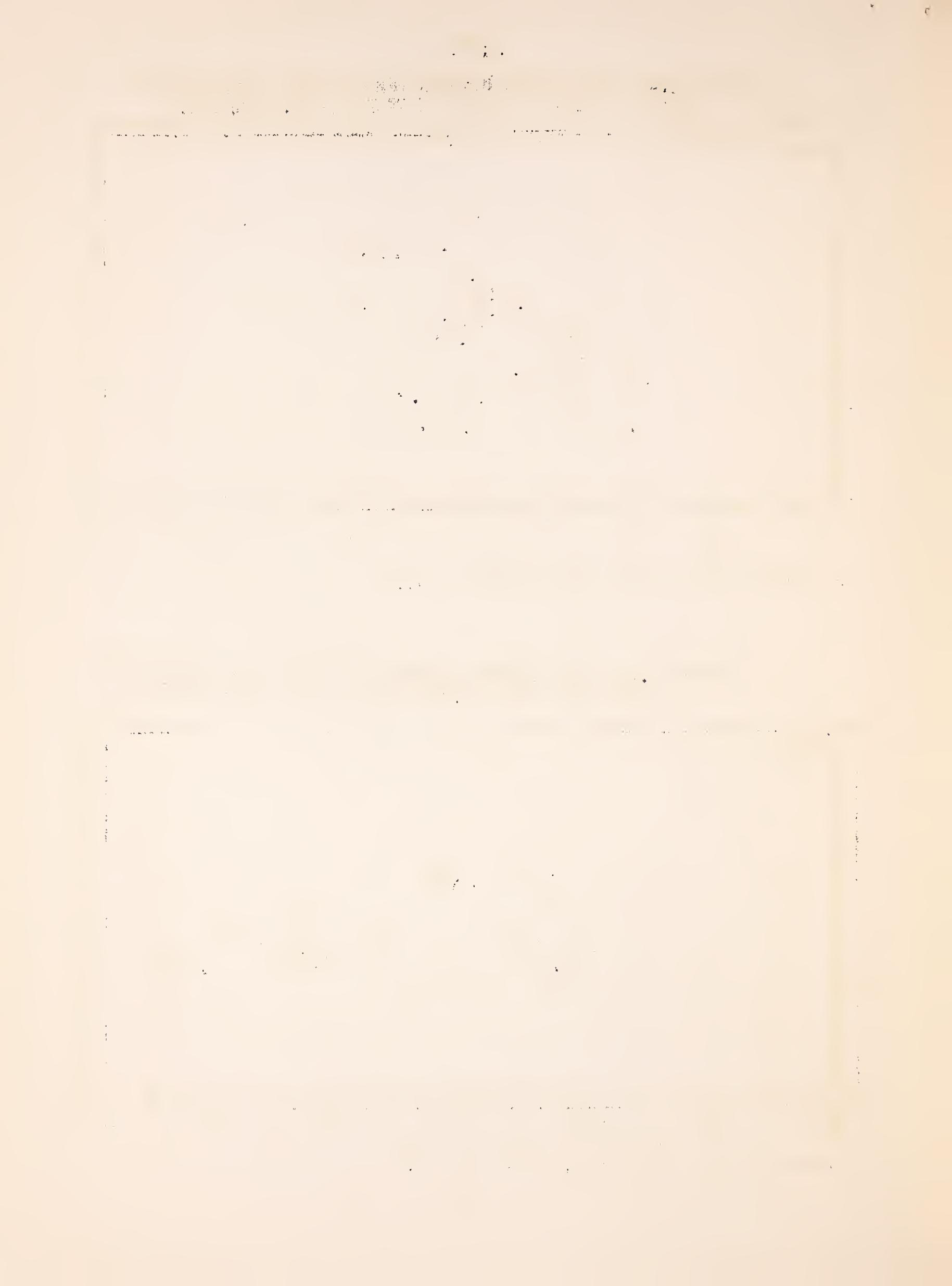
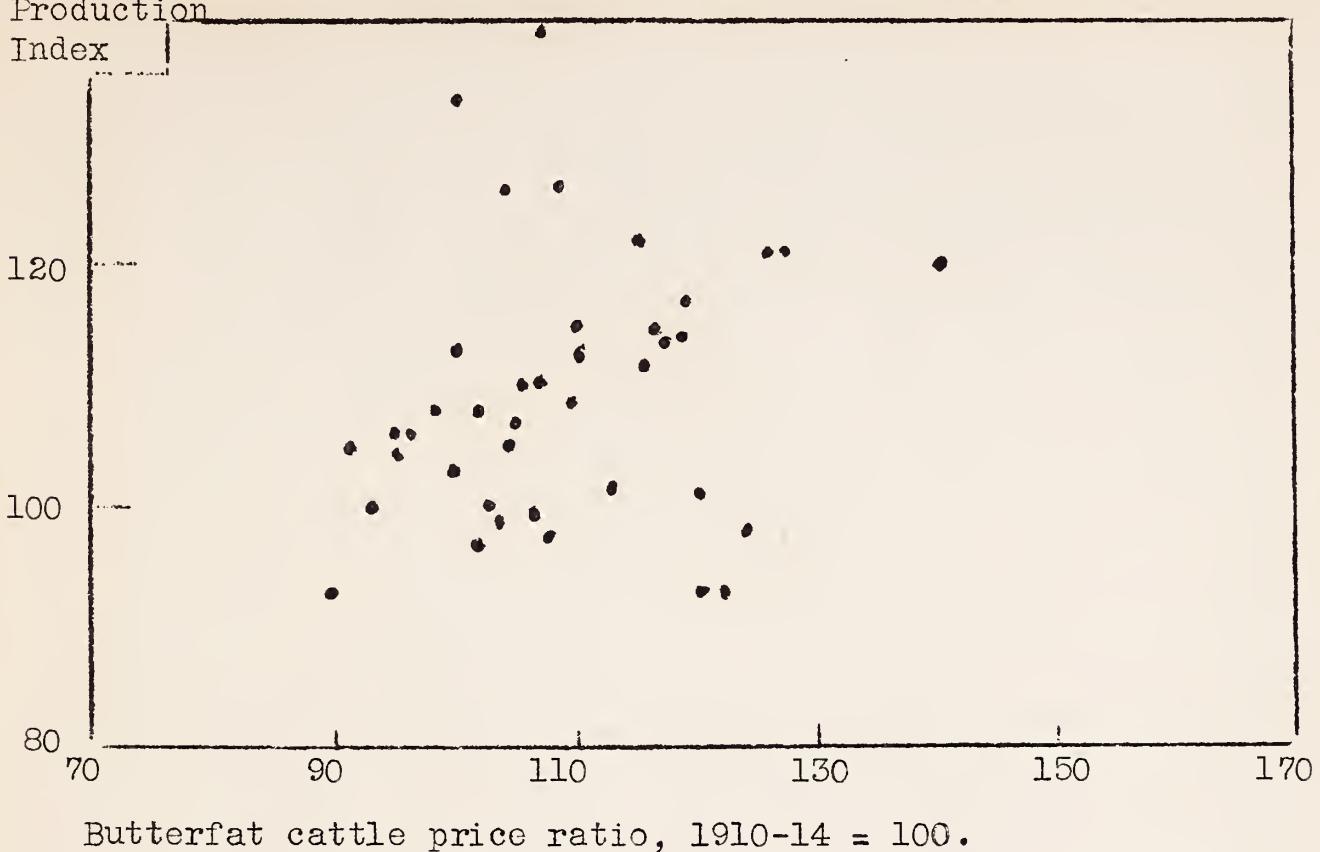


FIGURE 25. - RELATIONSHIP BETWEEN BUTTERFAT CATTLE PRICE RATIO
(3-YEAR AVERAGE) AND DAIRY PRODUCTION 3 YEARS LATER, 1874-1914



CATTLE
FIGURE 26. - RELATIONSHIP BETWEEN BUTTERFAT/PRICE RATIO (3-YEAR
AVERAGE) AND DAIRY PRODUCTION 3 YEARS LATER, 1921-35

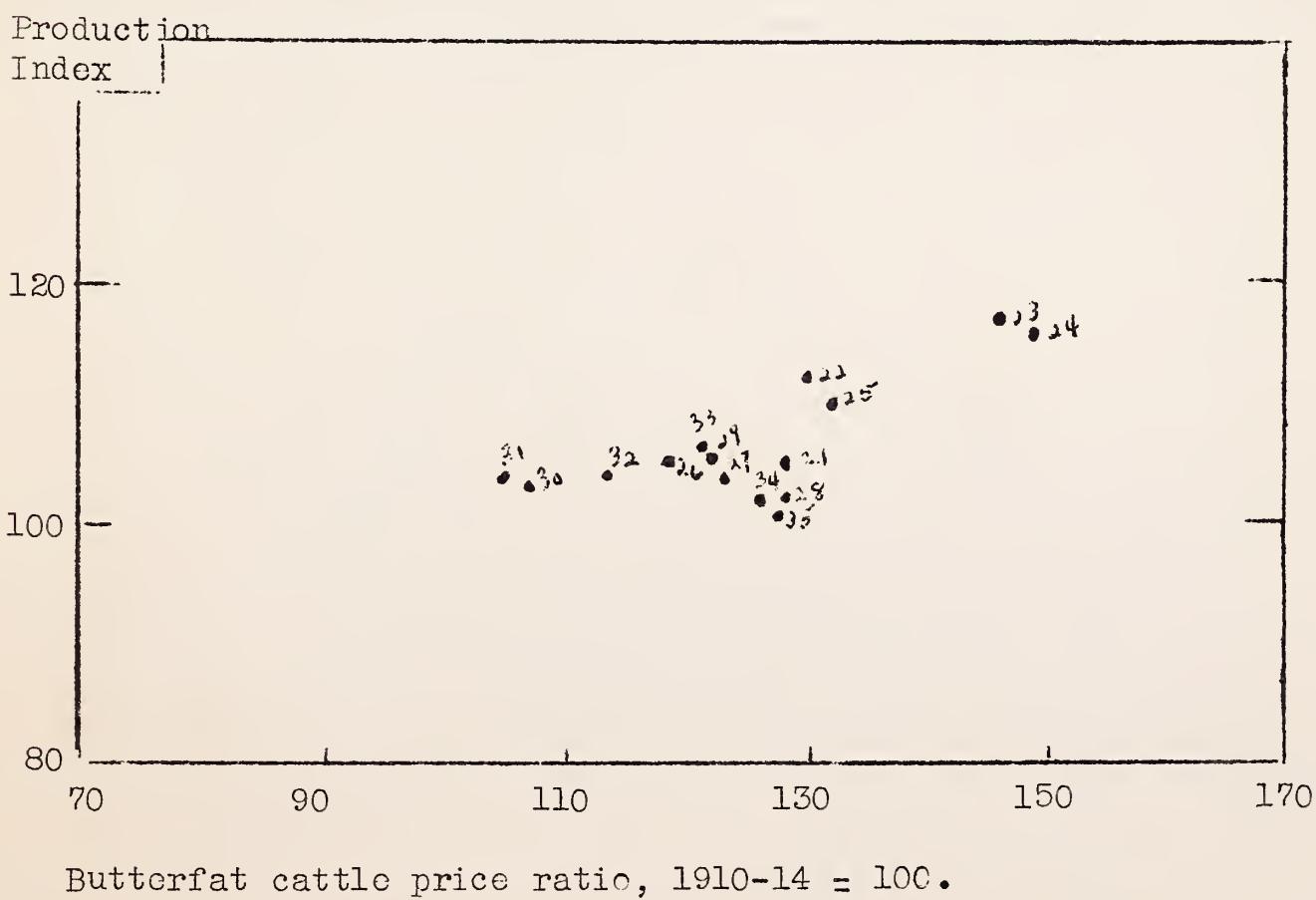




FIGURE 27.- RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO
(2-YEAR WEIGHTED AVERAGE) AND BUTTERFAT CATTLE PRICE RATIO
(3-YEAR AVERAGE) AND DAIRY PRODUCTION, 1874-1914

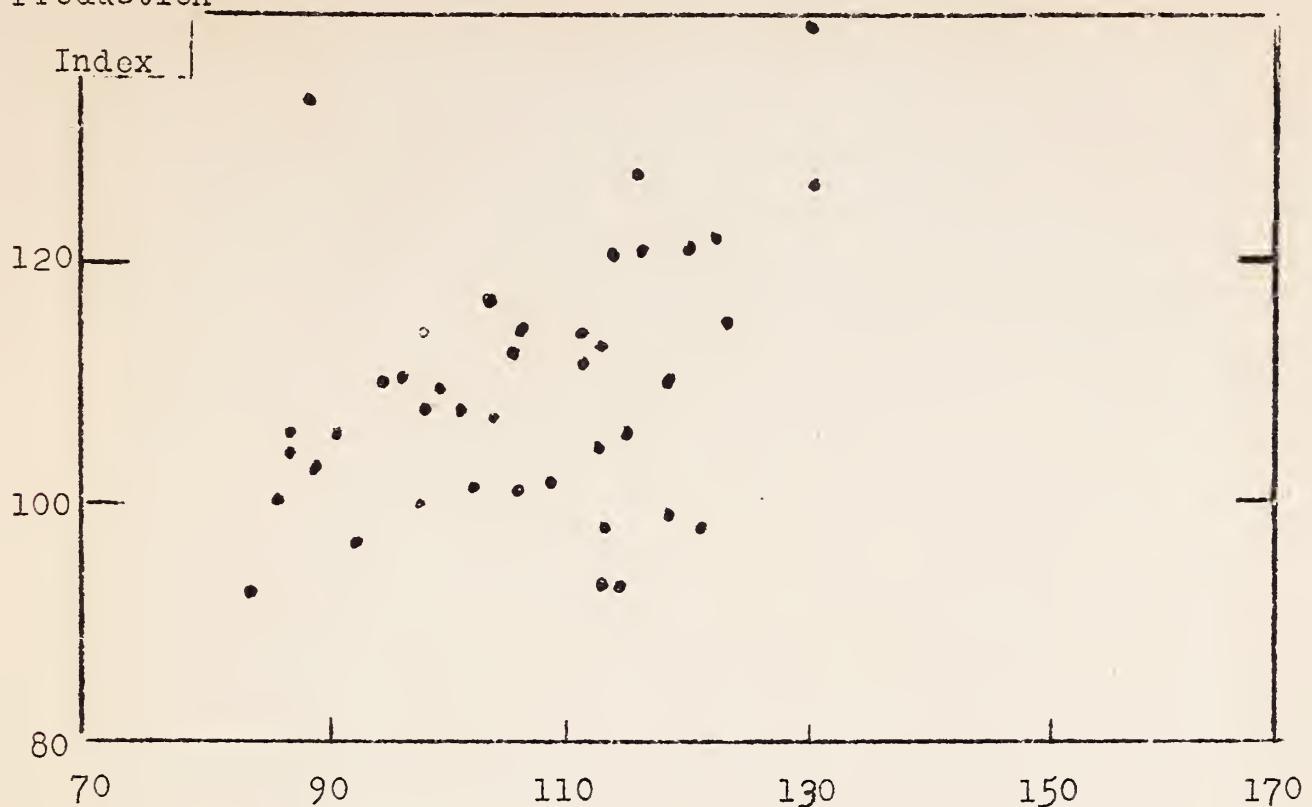
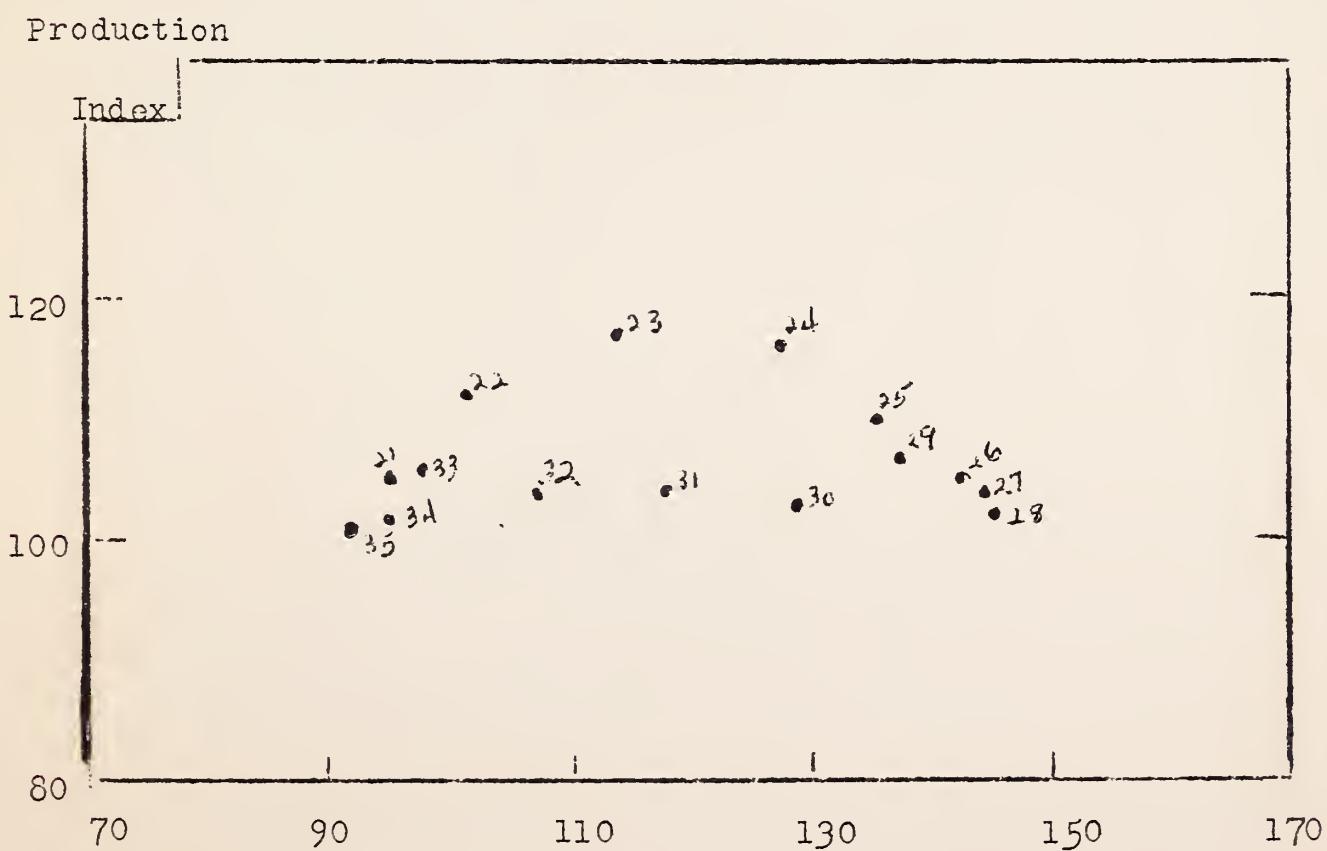


FIGURE 28.- RELATIONSHIP BETWEEN BUTTERFAT HOG PRICE RATIO
(2-YEAR WEIGHTED AVERAGE) AND BUTTERFAT CATTLE PRICE RATIO
(3-YEAR AVERAGE) AND DAIRY PRODUCTION, 1921-35



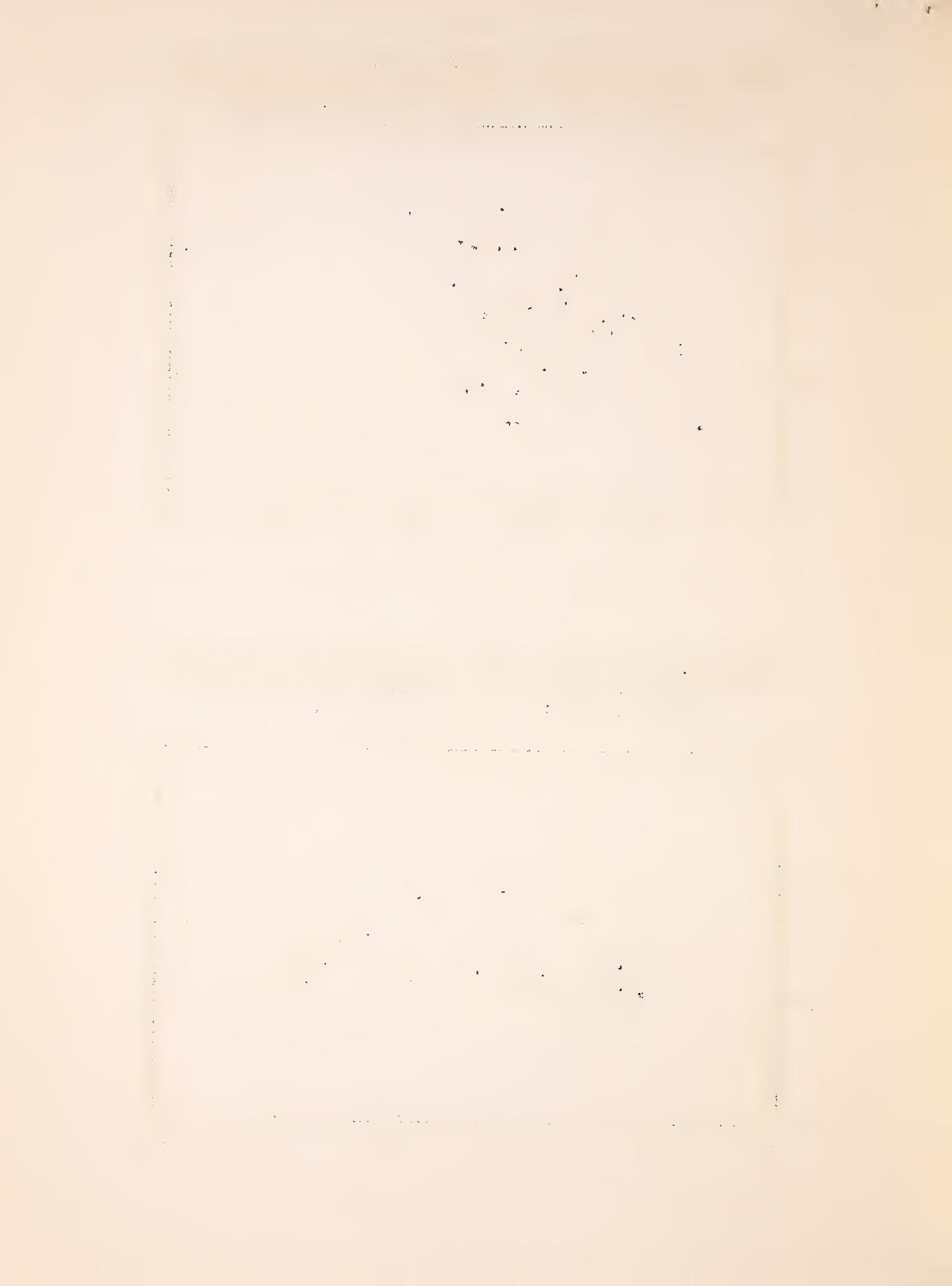


FIGURE 29.- RELATIONSHIP OF FEEDS FED (GRAIN AND HAY) BUTTERFAT-MEAT ANIMAL PRICE RATIO (HOGS 2-YEAR WEIGHTED AVERAGE AND CATTLE 3-YEAR AVERAGE LAGGED 3 YEARS) AND DAIRY PRODUCTION, 1874-1914

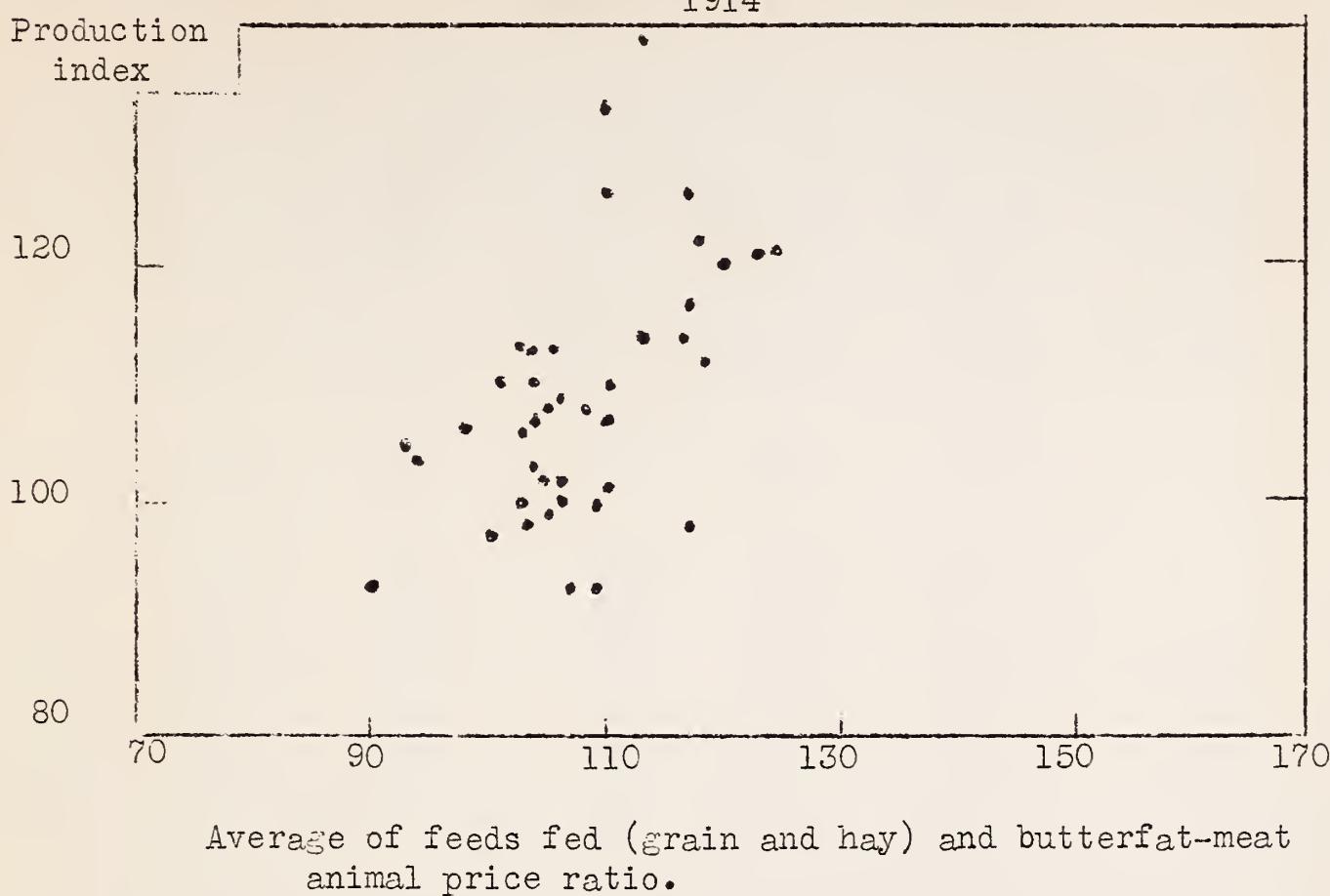


FIGURE 30.-RELATIONSHIP OF FEEDS FED (GRAIN AND HAY) BUTTERFAT-MEAT ANIMAL PRICE RATIO (HOGS 2-YEAR WEIGHTED AVERAGE AND CATTLE 3-YEAR AVERAGE LAGGED 3 YEARS) AND DAIRY PRODUCTION, 1921-35

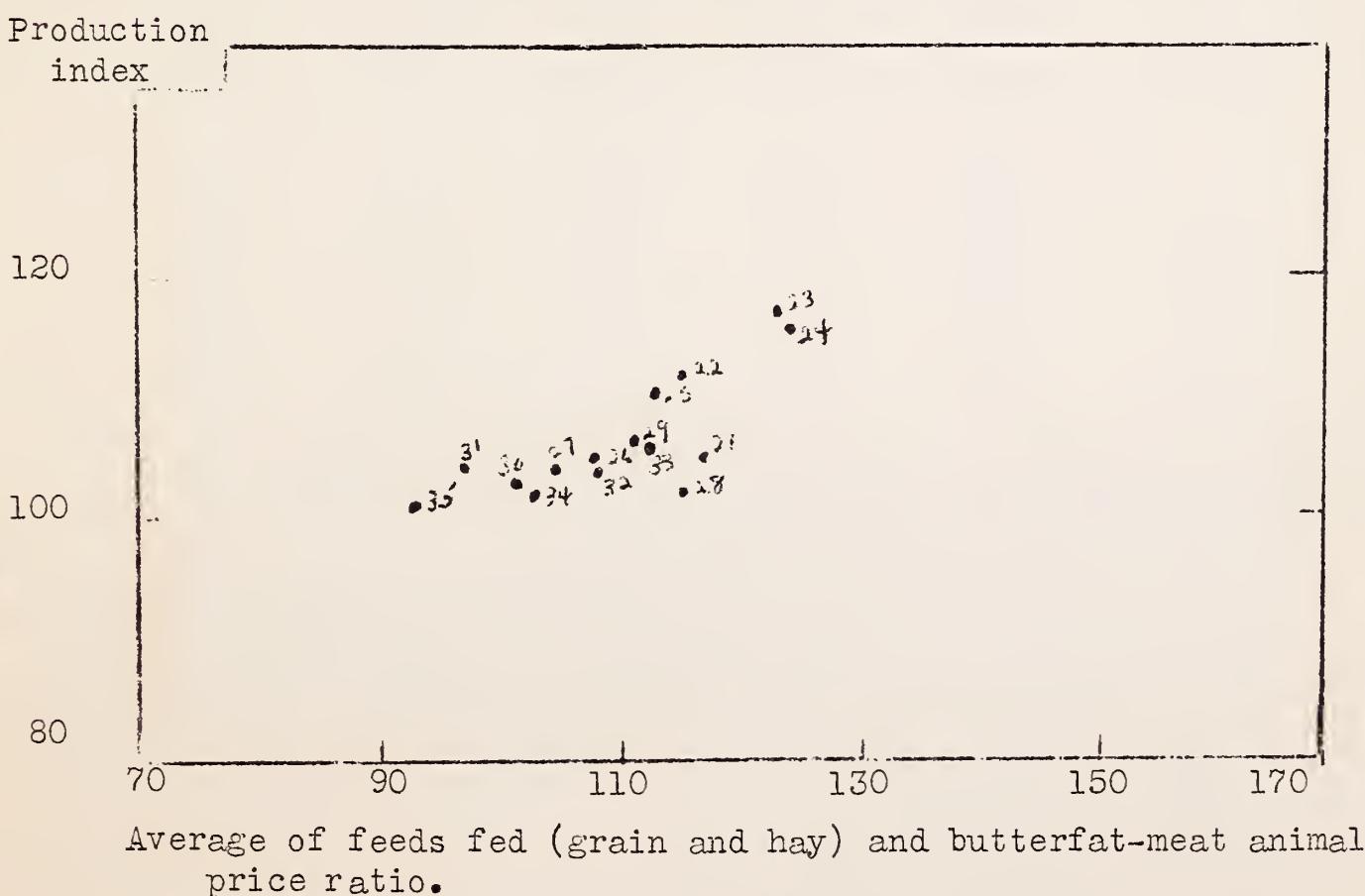


Table .- Production of manufactured dairy products (milk equivalent)
compared with other agricultural products,
selected periods, 1870-1934

Period	Production of manufactured dairy products 1/ (milk equivalent)						
	: Per ton of :Per ton :Per bushel :Per bale :Per animal :Per animal	: Per feed grains: of bread :of cotton: unit on :unit exclu-	: capita produced : hay : grains pro- : pro- : farms :ing milk	: 2/ : produced :duced 3/ : duced : 4/ : cows 5/	Pounds	Pounds	Pounds
1910-14	431	435	655	54.9	2,906	346	411
1926-30	462	561	757	61.2	3,782	407	487
1870-79	331	360	564	40.9	3,342		
1880-89	395	368	556	44.6	3,430		
1890-99	434	403	592	49.4	3,420	300	351
1900-09	444	409	612	53.6	3,362	327	383
1910-19	431	442	635	53.4	3,376	339	401
1920-29	453	519	694	59.5	4,121	373	445
1930-34	469	633	859	81.9	4,557	419	509

Index numbers (1926-30 = 100)

	Production of manufactured dairy products (milk equivalent.)						
	: Per ton :Per ton :Per bushel :Per bale : :Per animal	: Per of : of :of bread :of cotton: Per :unit exclu-	: capita feed grains: hay : grains : pro- : animal :ing milk	: produced :produced:produced :duced : unit : cows	Pounds	Pounds	Pounds
1910-14	93.3	77.5	86.5	89.7	76.8	85.0	84.4
1926-30	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1870-79	71.6	64.2	74.5	66.8	88.4		
1880-89	85.5	65.6	73.4	72.9	90.7		
1890-99	93.9	71.8	78.2	80.7	90.4	73.7	72.1
1900-09	96.1	72.9	80.8	87.6	88.9	80.3	78.6
1910-19	93.3	78.8	83.9	87.3	89.3	83.3	82.3
1920-29	98.1	92.5	91.7	97.2	109.0	91.6	91.4
1930-34	101.5	112.8	113.5	133.8	120.5	102.9	104.5

1/ Includes farm and factory butter, farm and factory cheese, condensed milk, evaporated milk, commercial ice cream, malted milk, dried whole milk, and dried cream.

2/ Includes corn, oats, and barley.

3/ Includes wheat and rye.

4/ Based on inventory numbers of cattle, hogs, sheep, horses, mules, and poultry on farms January 1 of each year.

5/ Same as in footnote 4 but excluding milk cows.

